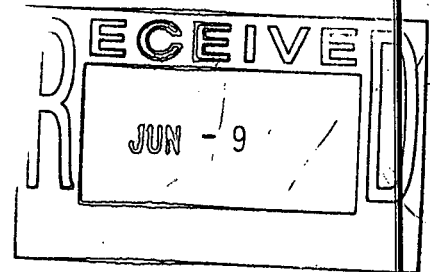
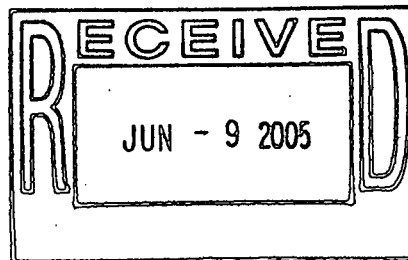


**ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE**

**Decommissioning
Closeout Report
for the
707 Closure Project**

Revision 0

May 26, 2005



Reviewed for Classification ^{/4CNI}
Name: CJ FERGUSON -4/24-
Date: 05/31/05

ADMIN RECORD

B707-A-000181

TABLE OF CONTENTS

1.0 Introduction.....	3
1.1 Building Descriptions.....	3
1.2 Building 707 History.....	6
1.3 Verification that Action Goals Were Achieved.....	7
2.0 Project Description	8
2.1 Decommissioning Sequence	8
2.2 Project Milestones.....	9
2.3 Decontamination	11
2.4 Demolition.....	11
2.4.1 Air Sampling During Demolition	12
3.0 Project Documentation.....	16
3.1 DOP Modifications	16
3.2 Pre-Demolition Characterization	17
3.2.1 Reconnaissance Level Characterization.....	17
3.2.2 In Process Characterization.....	17
3.2.3 Pre-Demolition Characterization.....	18
4.0 Waste Disposition.....	20
5.0 Site Reclamation.....	21

TABLES AND FIGURES

Table 1 707 Closure Project DOP Modification Documentation	17
Table 2 707 Closure Project Pre-Demolition Characterization Documentation	18
Table 3 707 Closure Project Waste Stream Disposition Summary.....	20
Figure 1 Building 707 Closure Project Facilities	4
Figure 2 Building 707 Slab Removal Project Monitoring Data	13
Figure 3 Industrial Area Performance Monitoring for Radionuclides Network	14
Figure 4 Building 707 Demolition Air Monitoring	15
Figure 5 IHSS Group 700-2 Components Removed and Remaining	22
Figure 6 Building 707 Utility Isolations	23

Appendix A. Administrative Record Index for the 707 Closure Project
Appendix B. RCRA Unit Closure Summary

1.0 Introduction

In accordance with the Building 707 Closure Project Decommissioning Operations Plan (DOP), a closeout report is required upon completion of decommissioning activities. In accordance with the Building 707 DOP, Section 10.4, this closeout report will consist of a brief description of the work completed, including:

- Verification that remedial action goals have been met;
- Remedial action description;
- Dates and duration of specific activities;
- Any modifications to the original DOP;
- Final sampling and analysis reports;
- A description of the quantity and characteristics of the wastes generated, and how the wastes were stored or disposed;
- Site reclamation; and
- Demarcation of wastes left in place.

The Building 707 Closure Project is comprised of Building 707 (including the 707A Annex) and various support facilities located within the Site's Industrial Area. The DOP identified Building 707 as a Type 3 facility; Buildings 708, 709, 718, 731, 732, 778, and Tank T-206 as Type 2 facilities; and Buildings T-707S, 711, 711A, and 20 aboveground tanks located within the Building 707 Closure Project as Type 1 facilities. Building 709 was re-characterized as a Type 1 facility as a result of the pre-demolition survey process as documented in Minor Modification #1 to the Building 707 DOP. This closeout report addresses all facilities within the Building 707 Closure Project. Figure 1 provides a map showing the locations of the Building 707 Project facilities.

Documentation that was submitted as part of this project, such as Pre-Demolition Survey Reports (PDSRs), will not be included in this report; instead, references to these documents are provided and a copy of the Administrative Record (AR) index for this project is included in Appendix A of this report. When completed and approved by DOE and the Lead Regulatory Agency (LRA), this Decommissioning Closeout Report will be submitted to the 707 Closure Project Administrative Record Post-decisional File.

1.1 Building Descriptions

Building 707 (Type 3) was a two-story structure with a single-story addition located on the east side of the main building. To the northwest was a freestanding two-story structure (i.e., the 707A Annex), which had a separate east wall, but was considered to be part of the main structure. The foundations for the building were cast-in-place concrete caissons and grade beams. The caissons were cast in holes drilled into bedrock and are connected by reinforced concrete tie beams. Structural framing consisted of a pre-cast, pre-stressed concrete twin-tee roof and second floor, supported on pre-cast concrete beams, girders, and columns.

Figure 1

Building 707 Closure Project Facilities

EXPLANATION

Major Project Building

Standard Map Features

Demolished Facility

Remaining Facility

Leases and Ponds

Demolished Roads

Paved Roads

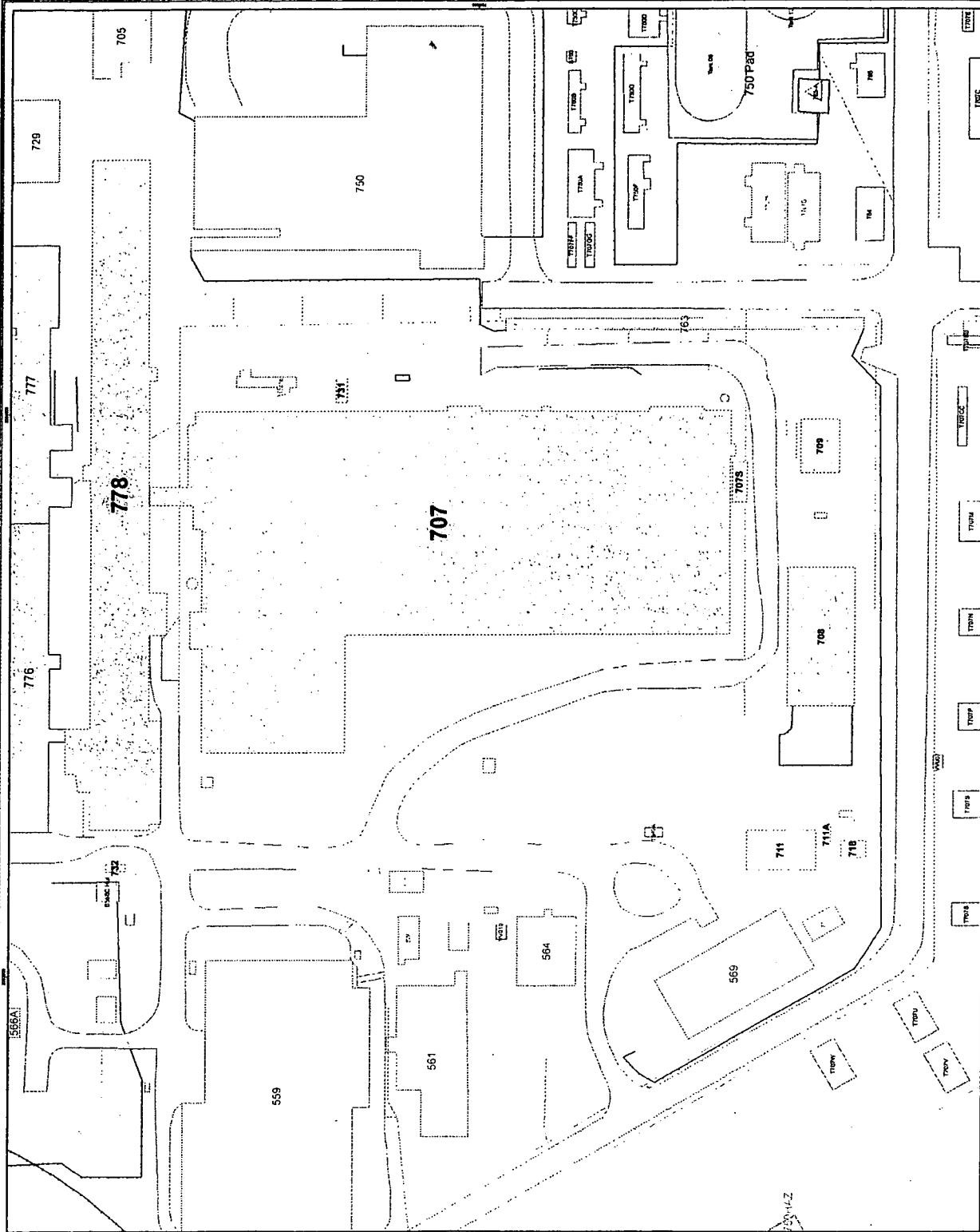
Drill Roads

Railroad Removed

Railroad Remaining

Fence Remaining

Streams, Ditches, or Other Drainage Features



U.S. Department of Energy
Rocky Flats Environmental Technology Site

Prepared By:

CH2MHILL

OS DEPT. (003) 946-707

DATE: 4/20/2008

Kaiser-Hill
CONSULTANT

The first floor consisted of a concrete slab on grade. To prevent the potential for the spread of fire and/or contamination from one room to another, the first floor was configured into a series of modules (Modules A through H, J, and K), separated by hallways. A network of chainveyors ran between the modules to provide for the transfer of materials between production areas within Building 707, and between Building 707 and Building 776/777.

The second floor was an open room containing ventilation fans, filter plenums, pumps, and tanks that supported first-floor operations. The basement was cast-in-place concrete, and contained a variety of tanks (referred to as the "C-Pit tanks") that were used to collect and clean spent solvent and machine oil. Other below-ground features included a series of autoclaves used for the assembly of parts in a heated, high-pressure, helium atmosphere, and one elevator shaft.

Building 708 (Type 2) was a windowless, single-story, concrete structure with a concrete slab floor on grade and a neoprene Hypalon® roof. The building consisted of a single open room, which housed the Building 707 emergency generator and the supplied breathing air system for the 700 Complex (i.e., Buildings 707, 771, 776/777). The building also housed the chillers that supplied ethylene glycol water solution (brine) to the closed loop cooling systems in Building 707.

Building 709 (Type 2; reclassified to Type 1 in DOP Modification #1) was a cooling tower that was constructed in 1969. The cooling tower was a square wooden structure that sat within a concrete basin. The 35-foot tower had two cells, each with separate fan motors and gearboxes.

Building 718 (Type 2) was an auxiliary shed, containing the plenum deluge system for Building 711.

Building 731 (Type 2) was a plenum deluge/process waste pit constructed of reinforced concrete, with a reinforced concrete stairway leading to the below-ground portion of the structure. The pit contained two 1,650-gallon fiberglass collection tanks and associated ancillary equipment. Waste collected in the tanks (e.g., chiller condensate, emergency eye wash/shower wastewater, decontamination water, and plenum deluge water) was transferred to Building 374 for treatment.

Building 732 (Type 2) was the former laundry pumping vault. The concrete structure contained one 800-gallon storage tank and ancillary equipment, which were used to filter wash water from the Building 778 laundry prior to transfer to Building 374 for treatment.

Building 778 (Type 2) was a metal, Butler®-type building, located between Building 707 and Building 776/777. This building provided all-weather access to Buildings 707 and 776/777 through two enclosed corridors. In addition, it contained a portion of the chainveyor that was used to transport material between production areas in Buildings 707 and 776/777. The building housed the maintenance shops and the locker/shower facilities for those buildings. A laundry facility was added to the building when plutonium laundry operations were consolidated on site. In the late 1980s, an addition was added to the north side, adjacent to the laundry, to house a filter plenum for the air exhausting from the dryers.

Trailer 707S (Type 1) was originally used to store machining oil, cutting fluid, lubrication oils, greases, and used oils, which were blended for other uses. Later the shed was used for equipment storage. The building was constructed of metal panels, a metal roof, and wooden floor.

Buildings 711 and 711A (Type 1) supplied tower water to the cooling systems in Buildings 707, 708, and 750. Building 711 was the cooling tower and Building 711A housed an emergency diesel pump for the cooling tower.

Underground Storage Tank System (Type 1) Tank T-290 was a diesel fuel tank system, which was emptied, foamed, and closed in place in 1996.

Aboveground Storage Tank Systems (Type 2 and Type 1) supporting Building 707 operations were located outside the facility. These tanks included carbon tetrachloride Tank T206/D2; liquid argon Tank 208; helium Tanks T209-T221 and T284; liquid nitrogen Tank T-223; and diesel fuel Tanks T-324, T-325, TK-11 and TK-16. The carbon tetrachloride tank, T206, was designated as a Type 2 facility in the DOP due to chemical hazards, but it was free released and the metal was recycled. Documentation is included in the Set T1 work package.

1.2 Building 707 History

Facilities within the Building 707 Closure Project were designed and constructed in the early 1970s to replace the manufacturing processes originally performed in Building 776/777. Operations were divided into eight categories: casting, forming, metallurgy, machining, assembly, inspection, non-destructive testing of plutonium parts, and associated support services. Plutonium metal feed was cast into ingots of the required shapes, which then proceeded through standard metalworking steps to become finished weapons parts. Finished plutonium parts and parts made of other materials, such as uranium, beryllium, and stainless steel, were assembled into subassemblies, which were joined to become final assemblies. Parts were inspected and tested at various points throughout the production process.

Prior to the change in mission, the production process began in Modules A, J, and K, where feed material was stored in preparation for casting into various shapes. Module B housed metallurgical operations, which were performed to roll, heat treat, and shape plutonium parts, which were then sent to machining operations. After shaping, excess metal was cut off and sent to Module C to be briquetted.

Module C was used to machine plutonium parts to the required dimensions. Turnings and chips from machining operations in Module C and trimmings from forming operations in Module B were degreased and sent to the briquetting press to be made into pucks, which were returned to the casting furnaces to be re-cast into feed ingots. In Module D, serial numbers were affixed to finished parts, which were cleaned with solvents, weighed, and inspected.

Plutonium pits were assembled in Module E, beginning with the welding of matched hemi-shells with electron beam welders. The pits were then inspected using any of a number of inspection disciplines, including radiography x-ray, weld scanners, eddy current testing for weld

penetration, and fluorescent dye penetration for cracks and voids. The subassemblies were then washed and sent to Module F for final assembly.

Module F, known as the "super dry room" because of the precisely controlled humidity, temperature, and airflow, was the final assembly point where the plutonium, uranium, and covering parts were put together. The covering parts, such as beryllium and stainless steel, were welded shut. The completed assembly was then "pumped down" on a heated table to check for leaks and to remove moisture and other contaminants. Module F also contained a mass spectrometry laboratory that was used to analyze gases in the assembled pits.

During production, several operations were carried out in Module G, including brazing of plutonium parts encased in other non-radioactive metals; brazing of non-radioactive subassemblies; cleaning of aluminum, stainless steel, uranium, and beryllium parts; inspection of these subassemblies; and, if needed, disassembly of rejected units. Module H was a high-pressure assembly area for plutonium, vanadium, beryllium, titanium, and uranium parts. High-pressure assembly was accomplished in an autoclave under a heated, high-pressure helium atmosphere. Beryllium parts were baked in vacuum furnaces to remove moisture.

1.3 Verification that Action Goals Were Achieved

Five action objectives were established for the 707 Closure Project prior to initiating decommissioning:

1. Achieve cleanup and closure in a manner that is safe to workers and the public, and protective of the environment.

Decommissioning activities were completed within regulatory requirements. The 707 project completed D&D activities with an excellent safety record of less than 1% recordable injuries and less than 1% Lost Work Day Case rate. This excellent safety record was maintained throughout the demolition of 707. Demolition of 707 was completed without any recordable injuries. Environmental monitoring during demolition verified that no emissions above the action level were measured at the perimeter air monitoring stations.

2. Decontaminate and demolish structures to three feet below the proposed final grade.

All structures were removed to at least three feet below final grade.

3. Underground structures are removed and/or stabilized.

Underground structures associated with Building 731 and 732 process waste pits were removed completely. Underground process waste lines below three feet below final grade were filled with grout and left in place following confirmation sampling verifying absence of soil contamination. The below grade areas in Building 707, C pit and the autoclave vaults, were completely removed. The only remaining building structures are building footers below three feet of final grade.

4. In-process characterization will be conducted to verify that applicable decontamination goals and waste acceptance criteria of the receiving Treatment, Storage and Disposal (TSD) facilities have been met.

In-process characterization was conducted throughout decommissioning to characterize waste appropriately, both radiologically and chemically, and to determine the correct disposal path and verify that waste acceptance criteria were met for the receiving facilities.

5. Verify through a Pre-Demolition Survey conducted prior to demolition that buildings have been sufficiently decontaminated to meet applicable performance specifications.

The facilities were decontaminated to meet applicable performance specifications, as documented in the Pre-Demolition Survey Reports.

2.0 Project Description

Decommissioning activities were conducted in the 707 complex in accordance with the Building 707 DOP, which was approved by the Colorado Department of Public Health and Environment (CDPHE) on January 18, 2001.

The Building 707 Closure Project was divided into small groupings of similar equipment and rooms that could be worked independently. Initially a total of 17 groups, or Sets, were defined for the project. The RFETS Decontamination and Decommissioning Characterization Protocol (DDCP) was then used to complete a reconnaissance level characterization for each Set. Results were documented in the Building 707 Closure Project Reconnaissance Level Characterization Report (RLCR), dated August 1, 2000, which identified the presence of radiological and chemical contamination in many of the Sets. The Building 709 cooling tower was included in a separate RLCR for "Group A Facilities", dated June 14, 2000.

The Sets were rebaselined in FY 2002, further subdividing the original 17 Sets into 99 sets. This was documented via DOP Modification #2, which was approved by CDPHE on January 10, 2002.

2.1 Decommissioning Sequence

In general, Building 707 decommissioning proceeded as follows:

- Miscellaneous loose and fixed equipment and materials were removed from work areas.
- Electrical power to components was de-energized, locked out/tagged out, and disconnected. Temporary power was used as necessary.
- Tanks (interior and exterior) were drained, surveyed, and removed as waste. Resource Conservation and Recovery Act (RCRA) tank systems were closed in accordance with approved closure plans in the DOP.

- Internal equipment was removed from gloveboxes and they were decontaminated to the extent practicable. Lead was removed from glovebox exteriors.
- Gloveboxes were size reduced as necessary and removed as waste. Depending on contamination levels, containment tents were built as necessary for size reduction.
- Chainveyors in the overheads were removed.
- After modules and room areas were clear of gloveboxes and other equipment, mechanical and electrical systems were removed from the overhead areas.
- Glovebox ducting, zone I plenums and glovebox dry air systems were stripped out.
- Zone II and III plenums and ducting were surveyed and removed if contaminated above unrestricted release levels.
- Asbestos containing materials were identified and removed by a qualified subcontractor.
- Module walls were removed.
- The building structure was decontaminated using concrete shaving and hydrolasing.
- Hazardous substances were removed, including light bulbs/lamps, batteries, light ballasts, lead used in plumbing joints and roof flashings, etc.
- RCRA closures of secondary containment areas were completed in accordance with approved closure plans in the DOP.
- Final radiological surveys were conducted and documented in the PDSRs.

2.2 Project Milestones

All work activities were conducted using the Integrated Work Control Program (IWCP). The following outlines the actual sequence of events and major milestones:

- January 18, 2001 – Building 707 DOP approved by CDPHE.
- April 2001 – Building 707 Material Access Area (MAA) closes
- 3rd quarter FY01 – Readiness assessment completed for decommissioning.
- October 30, 2001 – CDPHE approved demolition of cooling tower 709.
- December 2001 – Cooling tower 709 demolition completed.
- December 2001 – Four large autoclave units were removed from H Module.
- June 2002 – Module G decommissioning completed.
- July 22, 2002 - The Building 707 Decommissioning Basis for Interim Operations (DBIO) was implemented. This DBIO analyzed the hazards present during the remaining deactivation and decommissioning mission of the building, and provided the authorization basis for planned activities through demolition.
- December 2002 – The final Sets in Modules A and D were completed.
- December 2002 – Removed 19 RCRA mixed residue tanks in C Pit. These were the only RCRA tanks in the building.
- January 2003 – Ceased effluent air sampling for all stacks and vents in Building 707, in accordance with active decommissioning provisions in the site monitoring agreement.
- March 2003 – Built a repackaging facility in Module A for size reduction and repack operations.
- September 2003 – The final Set in Module E was completed. This set included four large electron beam welders.

- September 2003 – Completed the final Set in Module J. This set included five large furnaces and associated gloveboxes and chainveyors.
- October 2003 – Module wall removal began.
- November 2003 – Concrete shaving for radiological decontamination began.
- February 2004 – The limited area in Building 707 was downgraded to a property protection area. This follows successful removal and destruction of classified tooling in the glovebox B-85 press.
- March 2004 – Building 707 was declared criticality incredible in March. This allowed termination and removal of the criticality detector and alarm systems.
- March 2004 – Final Set in Module B was completed. Set B6 included removal of the B85 hydroform press and a below-floor pit containing an oil tank. The hydroform press was successfully lowered onto its side in preparation for in-situ dismantlement inside a containment tent. This was a significant accomplishment, as the press weighed 35 tons, and the base was in a pit in the floor. The press was dismantled using plasma arc and mechanical cutting, with workers in supplied breathing air.
- 3QFY04 – Set U-7 complete: Building 707 safety systems removal, including criticality detection system, fire detection system, fire suppression system, and LS/DW system.
- August 2004 – The final Set in Module K was completed. This set included the stripout, decontamination and removal of the X-Y Retriever. This work was conducted in supplied breathing air and included removal of the last of the 377 glovebox/chainveyor equivalents in B707.
- August 2004 – Building 711/711A Cooling Tower was isolated and demolished.
- September 28, 2004 – Building 718 PDSR was approved by CDPHE.
- September 2004 – Demolition of B718 completed.
- October 19, 2004 – The PDSR for Building 708 was approved by CDPHE.
- October 2004 – Type 1 structure T707S was approved for demolition.
- October 2004 – Oak Ridge Institute of Science and Education (ORISE) conducted independent verification of final surveys.
- November 2004 – Building 708 demolition was completed.
- November 2, 2004 – PDSR for the second floor and the exterior of Building 707 was approved by CDPHE.
- December 2, 2004 – Building 778 PDSR was approved by CDPHE and demolition was initiated.
- December 2, 2004 – PDSR for Buildings 731 and 732 was approved by CDPHE.
- December 7, 2004 – PDSR for the first floor of Building 707 was approved by CDPHE. Demolition of Building 707 commenced.
- December 2004 – Building 732 demolition commenced.
- January 2005 – Building 731 demolition commenced.
- February 2005 – Completed demolition and removal of all remaining buildings in the Building 707 cluster, including contaminated portions of the Building 707 and 778 floor slabs, and Building 731 waste pit.

2.3 Decontamination

Following removal of all equipment and gloveboxes from Building 707, the module walls were removed, both for asbestos abatement and to allow access to the floor area beneath the walls for decontamination. Floors were surveyed, and the majority of the floors were decontaminated using a dry shaving technique. The rotary drum shavers were equipped with a vacuum system connected to HEPA filter units. This technique removed the paint and the top layer of concrete from the floors. Several passes were made with the shaver in some areas, depending on the thickness of paint and the residual contamination measured after the first pass. In Building 707, most of the first floor and parts of the second floor were decontaminated by shaving. Portions of the floor in Building 778 were also shaved.

Some areas that were not accessible for shaving were decontaminated using hydrolasing, or high-pressure water jets, to remove paint and contamination. These areas included the C-Pit basement areas, "sheep dips" (small stairwells under the glovebox lines), overhead areas, and walls and columns. Water from the hydrolasing operations was collected in a temporary tank farm constructed on the west side of the facility. The water was filtered and recycled back to the hydrolasing operations in the building. Following completion of hydrolasing operations, the remaining water was sampled and dispositioned by the site Industrial Wastewater Program.

In-process radiological characterization was performed to determine the extent of decontamination efforts required. Following completion of hydrolasing and shaving, final surveys were conducted in accordance with the site PDSP. Final building characterizations were documented in the PDSRs for the buildings. DOE contracted an independent verification (IV) of the characterization data through the Oak Ridge Institute of Science and Education (ORISE).

2.4 Demolition

The demolition phase of decommissioning included removal of the building shells, slabs, and foundations/footings to a depth at least three feet below grade. Demolition was performed by K-H. Demolition was conducted utilizing standard mechanical demolition equipment, including excavators, shears, processors, and front-end loaders. Concrete saws were used to cut the floor slabs. Dust control during demolition was provided by a combination of fog cannons and fire hoses.

Demolition began with some of the outbuildings, including cooling towers 709 and 711, and Buildings 718 and 708. These buildings all met the unrestricted release criteria prior to demolition. In December 2004, demolition began on Buildings 707, 778, and 732, followed by Building 731 in January 2005. Demolition and removal of all buildings in the Building 707 cluster was completed in February 2005, including contaminated portions of the Building 707 and 778 floor slabs.

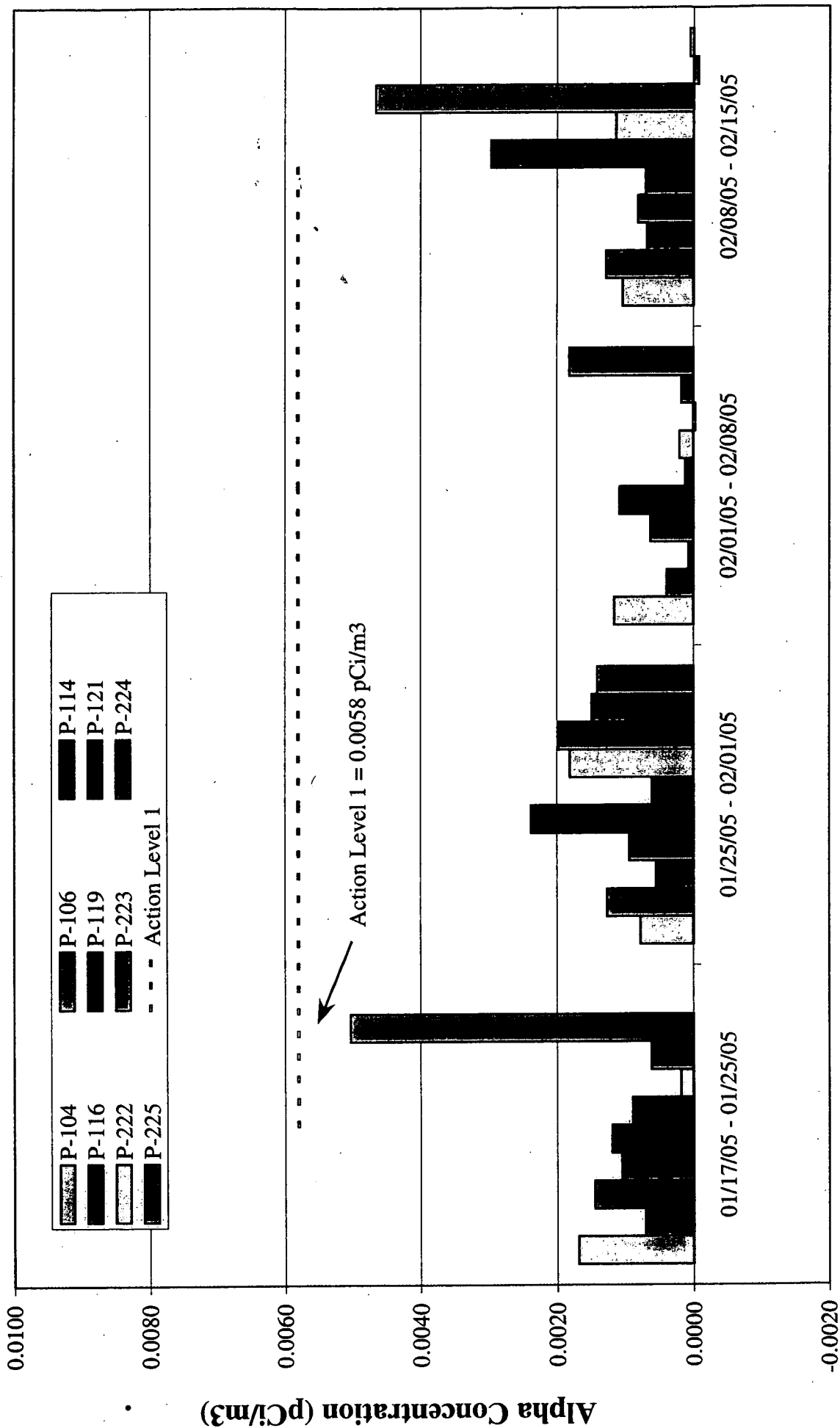
2.4.1 Air Sampling During Demolition

Environmental air monitoring during demolition was performed in accordance with the requirements of the Site Integrated Monitoring Plan (IMP). The existing Radioactive Ambient Air Monitoring Program (RAAMP) sampler network was used for ambient air monitoring during removal activities. This network includes perimeter samplers as well as the site industrial area samplers for project-specific sampling. Project monitoring (PM-Rad) was carried out during demolition and removal activities using existing RAAMP samplers arrayed around the Site's Industrial Area. PM-Rad characterized the effects of potential short-term emissions from the project on ambient air quality and receptors closer to the projects than the Site perimeter by quantifying gross alpha activity on filters. In accordance with the IMP, filters were collected weekly and screened for long-lived alpha contamination. The results were used to calculate the airborne concentration in units of activity per volume of air drawn through the filter (pCi/m^3). These results were compared to two predefined Action Levels, corresponding to a 1.0 mrem dose rate ($0.0058 \text{ pCi}/\text{m}^3$) and a 5.0 mrem dose rate at the sampling location, based on the assumption that the hypothetical receptor has been exposed for two weeks (one week of sample collection, one week for analysis).

PM-Rad monitoring was initiated in January 2005 during the removal of the contaminated portions of Building 707 slab. Results showed no emissions above the 1.0 mrem dose rate action level. Figure 2 graphically presents the monitoring data collected during this period, and Figure 3 shows the air sampler locations. Locations P-224 and P-223 were on generator power during working hours only, resulting in lower sampler volumes and artificially elevated concentrations (relative to line-powered samplers operating for 24hr/day).

In addition to the site RAAMP samplers, the project conducted local workplace air monitoring using four air samplers in close proximity to the Building 707 demolition activities. The air filters were collected daily throughout the entire demolition timeframe, and were counted for alpha contamination. All samples were below the minimum detectable activity (MDA). Figure 4 shows the highest daily reading of the four workplace air monitors, shown in units of Derived Air Concentration (DAC). The Action Level of 0.3 DAC corresponds to the level at which respiratory protection is required.

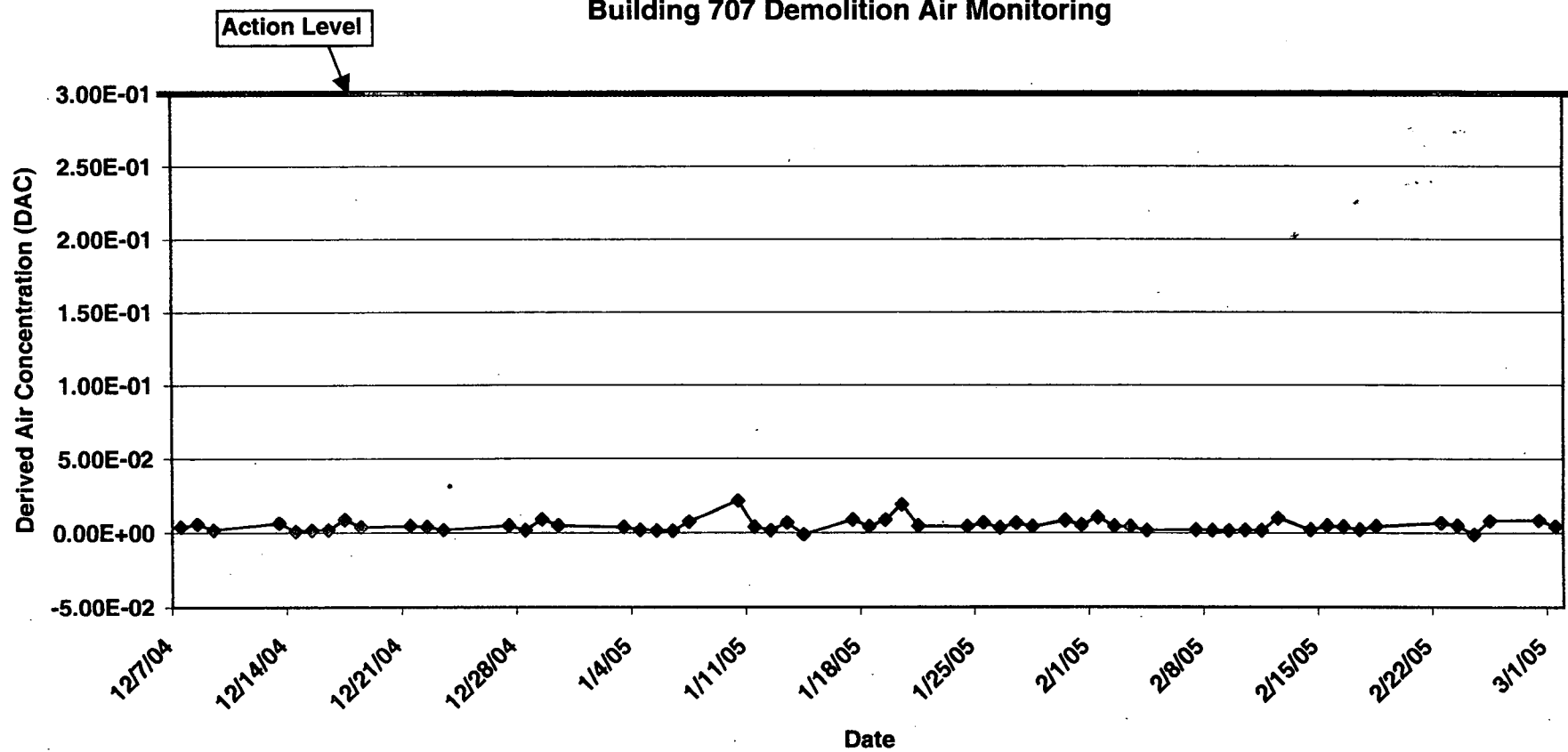
Figure 2
Building 707 Slab Removal Project Monitoring Data
 Sampling Period: January 17 - February 15, 2005



Sampling Period

8

Figure 4
Building 707 Demolition Air Monitoring



3.0 Project Documentation

This section describes the documentation that was prepared to satisfy the requirements in the Rocky Flats Cleanup Agreement (RFCA) for decommissioning the Building 707 cluster. Documentation that was submitted as part of this project is referenced; a copy of the AR index for this project is included as Appendix A of this report.

3.1 DOP Modifications

As previously stated, the Building 707 DOP was approved by CDPHE on January 18, 2001. There were three minor modifications made to the DOP:

DOP Modification #1 was approved by CDPHE on October 16, 2001. The modification included:

- Transition of Type 2 facilities to Type 1 as a result of the Pre-Demolition Survey data, specifically re-typing cooling tower 709 to a Type 1 facility.
- Inclusion of clean closure through the demonstration of no contamination, as a RCRA closure method, for the container storage areas in Module E and Room 196.

DOP Modification #2 was approved by CDPHE on January 10, 2002. The modification included:

- Updates to the Set descriptions. The Sets were re-baselined and the original 17 Sets were expanded into 99 Sets.
- Amendments that ensure consistency between the 707 DOP and the 776/777 DOP since the projects merged under common management.
- Updates and corrections to Table 20, Building 707 RCRA-regulated units.
- Correction of typographical errors and incorrect references.

CDPHE did not approve one portion of the modification request. This item requested removal of the requirement for a Professional Engineer (P.E.) certification for RCRA closure, which would have been consistent with the Building 776/777 DOP. However, CDPHE did not approve this request because they consider P.E. certification of closure to be a substantive performance-based requirement.

DOP Modification #3 was approved by CDPHE on November 2, 2004. The modification included:

- Changing all references to "three feet below grade" to "three feet below final grade" for consistency.
- Changing removal of contaminated portions of the building shell to "before or after" demolition (previously said prior to demolition). This allowed removal of contaminated portions of the floor slabs and the C-pit basement after the building shell had been removed.
- Revising the Environmental Restoration (ER) interface section to specify criteria for removing or leaving the process waste lines (previously said all lines below the slab would be removed.) The new criteria were consistent with approved ER practices across plantsite.

Table 1 summarizes the project documentation for this phase of the project.

Table 1 707 Closure Project DOP Modification Documentation

Document	Date	AR Document Number
DOP Modification #1 submittal to DOE	September 26, 2001	B707-A-000062
DOP Modification #1 approval by CDPHE	October 16, 2001	B707-A-000065
DOP Modification #2 submittal to CDPHE	December 18, 2001	B707-A-000076
DOP Modification #2 approval by CDPHE	January 10, 2002	B707-A-000079
DOP Modification #3 submittal to DOE	October 28, 2004	B707-A-000126
DOP Modification #3 approval by CDPHE	November 2, 2004	B707-A-000147

3.2 Pre-Demolition Characterization

Facilities within the 707 closure project were characterized using a three-step approach: reconnaissance level characterization (RLC), in-process characterization, and pre-demolition survey (PDS).

3.2.1 Reconnaissance Level Characterization

The purpose of the RLC is to provide an initial assessment of the contamination, hazards, and other conditions associated with a facility. The Building 707 Closure Project RLCR was completed on August 1, 2000. The Building 709 cooling tower was included in a separate RLCR for "Group A Facilities", dated June 14, 2000. The RLC was conducted in accordance with the RFETS DDCP.

The facilities were classified pursuant to the RFETS Decommissioning Program Plan (DPP). The initial typing indicated that Building 707 was a Type 3 facility, and Buildings 778, 708, 709, 718, 731, 732, and the carbon tetrachloride tank were considered Type 2 facilities. All other facilities within the 707 cluster (i.e., Buildings T707S, 711, 711A, and the other 20 outside storage tanks) were considered Type 1 facilities.

3.2.2 In Process Characterization

Additional radiological and chemical characterization was conducted during decommissioning, as facility components were removed and building surfaces exposed. This type of characterization is referred to as in-process characterization. Data from in-process characterization was used to identify additional hazards; refine approaches to component removal, size reduction, and decontamination; revise waste volume estimates; and modify environmental, safety and health controls, as necessary (e.g., asbestos and beryllium characterization.) In-process characterization was also conducted to verify that decontamination activities have achieved the applicable performance specifications, such as release or reuse criteria and waste acceptance criteria (WAC) of the receiving disposal facility. All laboratory analytical data has been archived through Kaiser-Hill Analytical Services Division.

3.2.3 Pre-Demolition Survey

Final radiological surveys were conducted in accordance with the site Pre-Demolition Survey Plan (PDSP) prior to demolition. For Type 2 and 3 facilities, the results were summarized in a PDSR that received approval from DOE and CDPHE. (For approval dates, refer to Table 2.) For Type 1 facilities, the PDS results were documented in the RLCR in accordance with the site PDSP. The results of these surveys demonstrated that Buildings 708, 709, 711, 711A, 718, 707S, and all 21 aboveground storage tanks met the unrestricted release limits specified in the PDSP prior to demolition. Buildings 707 and 778 had portions of the floor slabs and below-grade structures that were contaminated, with the remainder of the buildings meeting the unrestricted release limits. Buildings 731 and 732 were below grade waste pits with small above-ground access sheds; these facilities did not meet unrestricted release and were disposed entirely as low level waste.

The PDSRs included information on chemical contamination as well as radiological. Hazardous substances and wastes were removed from all buildings prior to demolition (with two exceptions noted below) and all RCRA units were appropriately closed. RCRA unit closures are summarized in Appendix B. Asbestos abatement was also completed prior to demolition in accordance with Colorado Air Quality Control Commission (CAQCC) Regulation No. 8, as certified in the Demolition Notification submitted to CDPHE. Beryllium surveys demonstrated that the buildings met the required release levels. Two instances were documented where hazardous constituents were not removed prior to demolition:

1. Non-friable asbestos piping that drained the foundation of cooling tower 709 was left in place 8 to 10 feet below grade.
2. Polychlorinated biphenyl (PCB) contaminated concrete on the vault roof of Building 707 resulting from a historical transformer spill was removed during demolition and dispositioned as Toxic Substances Control Act (TSCA) waste. Due to the thickness of the vault roof, this could not be remediated prior to demolition.

Table 2 summarizes the project documentation for this phase of the project.

Table 2 707 Closure Project Pre-Demolition Characterization Documentation

Document	Date	AR Document Number
PDSR for B709 submitted to CDPHE	October 18, 2001	B707-A-000066
CDPHE approval of B709 PDSR	October 30, 2001	B707-A-000069
Regulatory Contact Record documenting discussion with CDPHE regarding removal of contaminated piping located beneath the slab in the autoclave vaults at the time of demolition	August 2, 2004	B707-A-000107
Regulatory Contact Record documenting notification to CDPHE for demolition of B711 cooling tower, a Type 1 facility.	August 11, 2004	B707-A-000104
Regulatory Contact Record documenting discussion with CDPHE regarding disposition of B778, with portions free-releasable and with contaminated portions to be removed as low	September 2, 2004	B707-A-000113

Document	Date	AR Document Number
level waste.		
Regulatory Contact Record documenting discussion with CDPHE regarding disposition of B731 and B732 as contaminated waste.	September 16, 2004	B707-A-000114
Regulatory Contact Record documenting discussion with CDPHE regarding disposition of PCB-contaminated concrete on vault roof at the time of demolition.	September 20, 2004	B707-A-000112
PDSR for B718 submitted to CDPHE	September 23, 2004	B707-A-000119
CDPHE approval of B718 PDSR	September 28, 2004	B707-A-000125
Regulatory Contact Record documenting discussion with CDPHE about disposition of B707 C Pit as contaminated waste after demolition of the building.	October 6, 2004	B707-A-000123
PDSR for B708 submitted to DOE and CDPHE	October 14, 2004	B707-A-000122
CDPHE approval of B708 PDSR	October 19, 2004	B707-A-000169
Regulatory Contact Record documenting notification to CDPHE for demolition of T707S, a Type 1 facility.	October 20, 2004	B707-A-000124
PDSR for B707 second floor and exterior submitted to DOE and CDPHE	October 25, 2004	B707-A-000127, 128
CDPHE approval of B707 second floor and exterior PDSR	November 2, 2004	B707-A-000148
Regulatory Contact Record documenting discussion with CDPHE regarding leaving asbestos pipe under B709.	November 3, 2004	B707-A-000175
Regulatory Contact Record documenting discussion with CDPHE regarding disposition of B707 contaminated portions of slab	November 4, 2004	B707-A-000132
Regulatory Contact Record documenting discussion with CDPHE regarding disposition of contaminated metal in the overhead of B707 during demolition.	November 8, 2004	B707-A-000135
PDSR for B707 first floor submitted to CDPHE	November 24, 2004	B707-A-000153
PDSR for B778 submitted to CDPHE	December 1, 2004	B707-A-000154
PDSR for B731 and B732 submitted to CDPHE	December 1, 2004	B707-A-000151
CDPHE approval of B778 PDSR	December 2, 2004	B707-A-000145
CDPHE approval of B731 and B732 PDSR	December 2, 2004	B707-A-000146
CDPHE approval of PDSR for 707 for first and second floors and approval to start demolition	December 7, 2004	B707-A-000156

4.0 Waste Disposition

The 707 Closure Project generated the following waste types: sanitary, hazardous, low level, low level mixed, TSCA, low level TSCA, transuranic (TRU), and transuranic mixed. Table 3 documents the quantity and disposal sites for these waste types and materials. Wastes generated from January 2001 when the 707 DOP was approved until February 2005 at the completion of demolition are included in these waste totals.

Table 3 707 Closure Project Waste Stream Disposition Summary

1. Sanitary Waste	
Disposal Sites:	Front Range Landfill, BFI Tower Road Landfill, BFI Foothills Landfill
Projected amount (tons):	61,259
Actual amount (tons):	34,767
2. Non-Hazardous, Non-Radioactive Waste	
Disposal Sites:	Onyx, Henderson, CO; Exide Technologies, Reading, PA
Projected volume (m ³):	-
Actual volume (m ³):	102
Additional Information:	Oils, lab pack chemicals, brine, batteries
3. Hazardous Waste	
Disposal Sites:	Superior Special Services, Inc.; Onyx, Henderson, CO
Projected volume (m ³):	4
Actual volume (m ³):	6.3
4. Low Level Waste	
Disposal Sites:	Nevada Test Site, Envirocare of Utah, Diversified Scientific Services, Inc.
Projected volume (m ³):	14,306
Actual volume (m ³):	31,700
5. Low Level Mixed Waste	
Disposal Sites:	PermaFix, Florida; Envirocare of Utah; Pacific Ecosolutions, LLC; Diversified Scientific Services, Inc.
Projected volume (m ³):	83
Actual volume (m ³):	569.3
6. TSCA (PCBs)	
Disposal Sites:	Chemical Waste Management, Kettleman Hills, CA; Onyx, Henderson, CO; Superior Special Services, Inc.; Safety Kleen
Projected volume (m ³):	7
Actual volume (m ³):	32.7
Additional Information:	Includes two rollofs from vault roof
7. Low Level TSCA	
Disposal Sites:	Envirocare of Utah
Projected volume (m ³):	1
Actual volume (m ³):	0.6

8. TRU Waste	
Disposal Sites:	WIPP
Projected volume (m ³):	1,045
Actual volume (m ³):	1,131
9. TRU Mixed Waste	
Disposal Sites:	WIPP
Projected volume (m ³):	199
Actual volume (m ³):	482

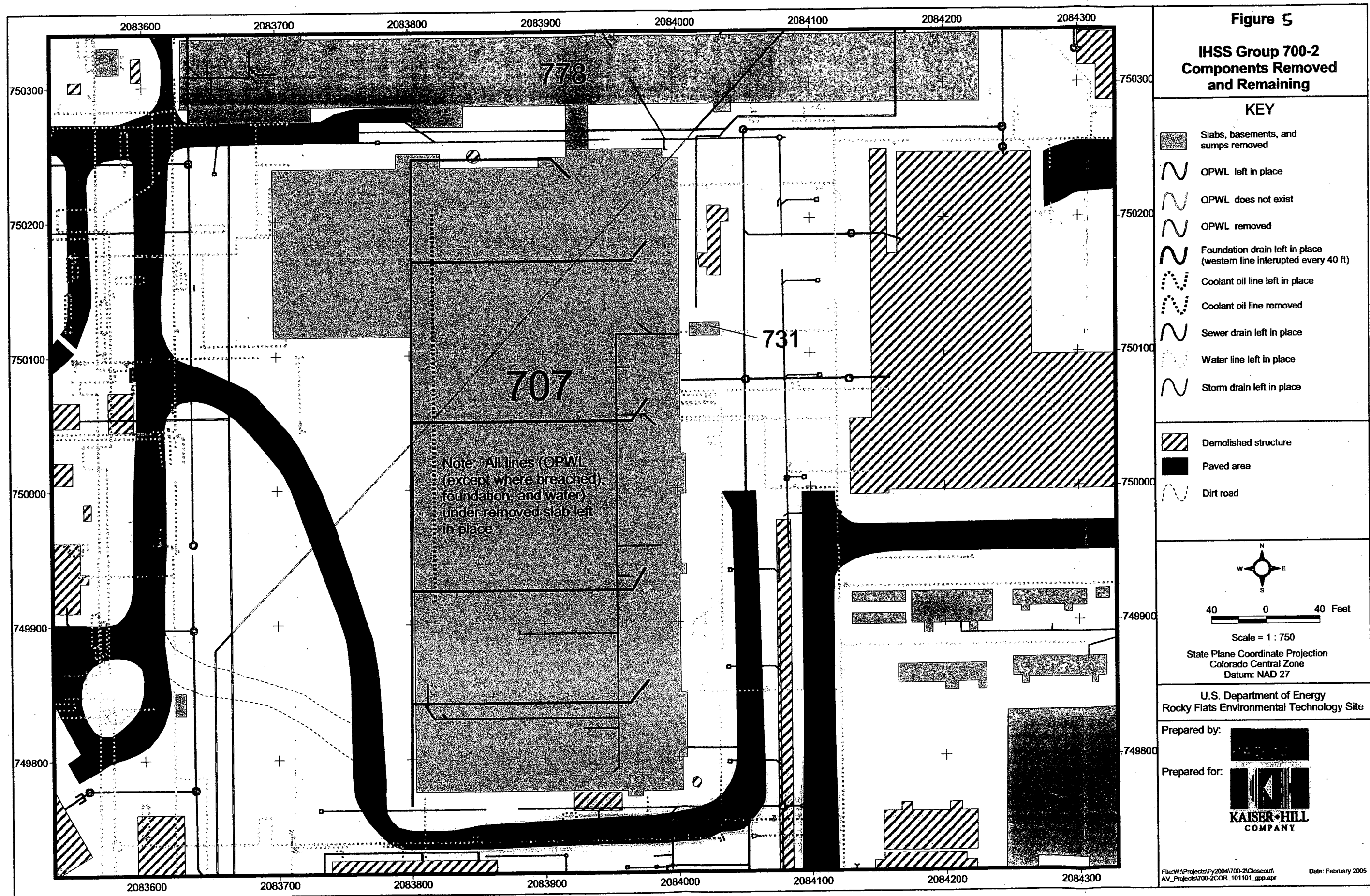
5.0 Site Reclamation

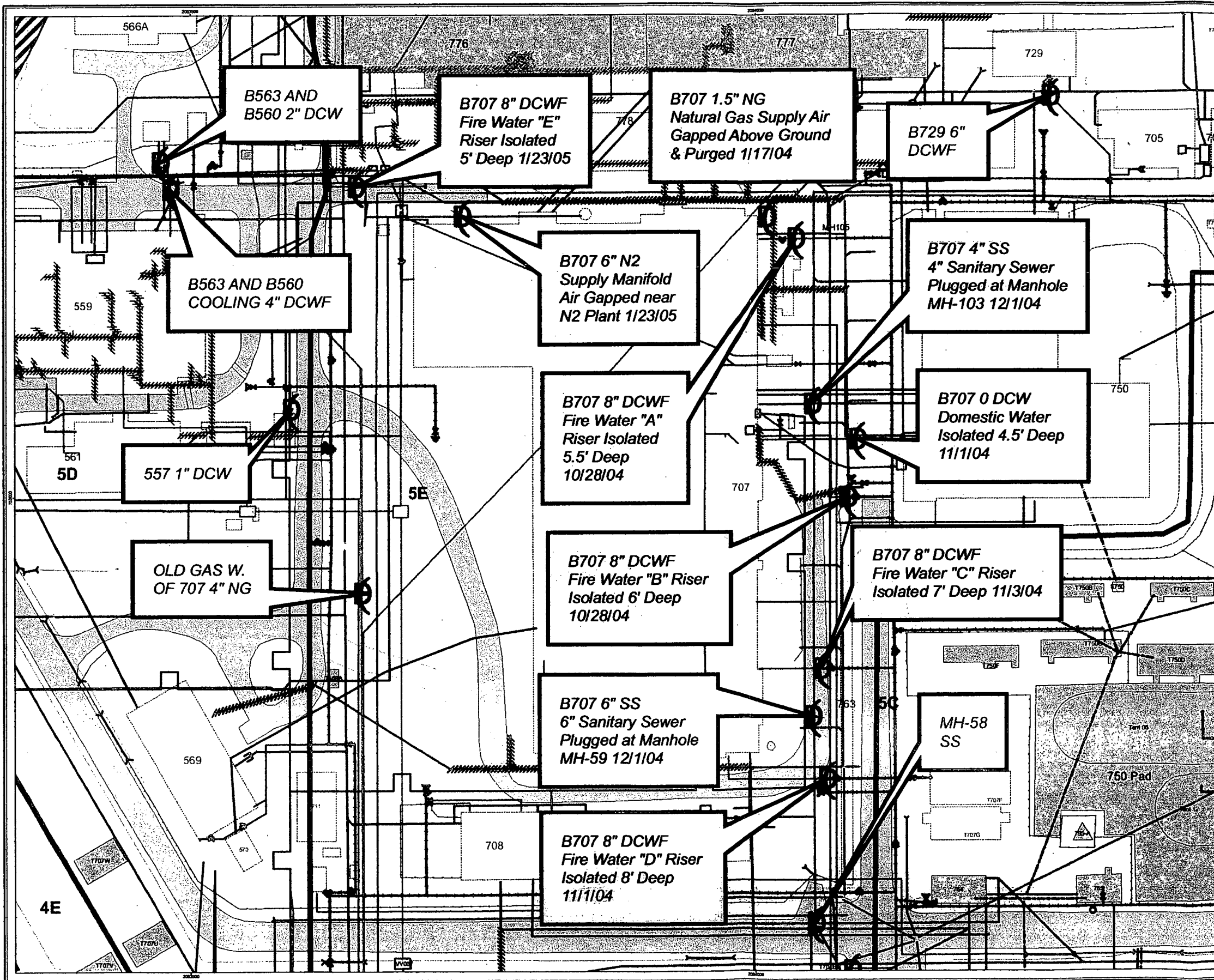
All buildings in the 707 Closure Project were removed to at least three feet below final grade. Removal to this depth included removal of all building floor slabs. Radiologically contaminated areas deeper than three feet below grade in Buildings 707 and 778 (including C pit and the autoclave vault piping in 707, and the laundry and plenum pits in 778) were completely removed. Underground structures associated with Building 731 and 732 process waste pits were completely removed. The only remaining building structures are building footers and foundations below three feet of final grade.

Underground process waste lines below three feet below final grade were filled with grout and left in place following confirmation sampling verifying absence of soil contamination. Based on ER subsurface soil sampling, there were no exceedances for any of the Original Process Waste Lines (OPWL) beneath Building 707. Figure 5 shows the IHSS Group 700-2 components removed and remaining.

Underground utility lines (e.g., alarms, electrical, natural gas, nitrogen, water, etc.) were removed to at least three feet below final grade beneath the building footprints. Utilities outside the building footprints were air gapped, plugged, or otherwise isolated. Figure 6 shows the Building 707 Utility Isolations and depths below the surface. These depths relate to the existing ground surface at the time of isolation.

Non-friable asbestos piping that drained the foundation of cooling tower 709 was left in place 8 to 10 feet below grade, as discussed in section 3.2.3. Environmental Restoration activities conducted outside the scope of the 707 Closure Project DOP (e.g., under the ER RSOP) were summarized in a separate ER closeout report.





Building 707 Utility Isolations

EXPLANATION

	Sectors		Sewer
	Alarm		Underground Steam
	2nd Alarm		DCWF
	Classified Data		Raw Water
	Classified LAN		De-Energized Power
	Original Alarm		Active DCWF
	Telephone		Active 13.8 KV
	Active Telephone		Active 480 V
	Alarm (PIDAS)		Utility Isolations
	Nitrogen Lines		Manholes
	Natural Gas		
	Fuel Line		

UTILITY NOTES:
 1) Hatched line symbols represent removed utilities.
 2) Color of manhole indicates utility type.
 3) Red Text is a B707 Isolation

New Process Waste Lines
 — Removed or Clean-Closed (Remain in Place)
 — Remove or In Progress
 □ Valve Vault Removed or Dispositioned
 □ Valve Vault Remove or Disposition

	Demolished Facility		Rail Spur Easement
	Remaining Facility		Wetland
	Lake and Pond		Rip Rap
	Demolished Road		FLC Design Boundary
	Paved Road		
	Dirt Roads		
	Railroad Removed		
	Railroad Remaining		
	Fence Remaining		
	Stream or Ditch		

30 0 30 60 90 120 Feet

State Plane Coordinate Projection
 Colorado Central Zone (3476)
 Datum: NAD27

U.S. Department of Energy
 Rocky Flats Environmental Technology Site

Prepared By:

CH2MHILL

GIS DEPT. (303) 966-7707

Prepared For:

KAISER HILL
 COMPANY

DATE: 5/11/2005

Appendix A Administrative Record Index for 707 Closure Project

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

Page: 1 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000001 11/03/1999 73 Pages PUBLIC	YES, ROUTINE Author(s) WIRTH, TIMOTHY	99-RF-04297; TMW-007-99 Recipient(s) DISTRIBUTION	Minutes of meeting discussing beginning external Scoping process for Building 707 Cluster Decommissioning Closure Activities. The Building 707 Cluster consists of buildings: 707, 708, 708S, 711, 711A, 718, 731, 707S, 707T, and Tanks 16, 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 284, 290, 324, and 325.
B707 A 000002 11/01/1999 258 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Radiological and Non-Radiological Characterization Package for the Building 707 Cluster, Revision 0, November 1999, Volume I of II.
B707 A 000003 11/01/1999 1048 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Radiological and Non-Radiological Characterization Package for the Building 707 Cluster, Revision 0, November 1999, Volume II of II.
B707 A 000004 07/01/1997 790 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	RF/RMRS-97-044 Recipient(s) DISTRIBUTION	Building 707 Reconnaissance Level Characterization Report (RLCR) Appendix Master Copy: Closeout Report for the Source Removal of Polychlorinated Biphenyls (PCBs), dated July 1997. Includes Appendix A-1, Historical Chemical Data (Lead in Paint; Beryllium (Be); Asbestos; PCBs); Appendix A-1, Reconnaissance Level Characterization (RLC) (Be Sample Log; Be Smear Sampling Maps Rooms 3206, 3412, 3541; Be Sample Results; Toxicity Characteristic Leaching Procedure (TCLP) Metals Sample Results; TCLP Metals Chain of Custody (COC)); Appendix A-3, RLC Radiological Data (Paint; Concrete Core; Survey Area A, Second Floor; Survey Area B, Second Floor; Survey Area C, Second Floor; Survey Area D, Second Floor; Survey Area E, Second Floor; Survey Area F, Second Floor; Survey Area G, Second Floor; Survey Area H, Second Floor; Survey Area I, Second Floor; Survey Area J, Second Floor; Survey Area K, Second Floor; Survey

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 2 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000005 10/02/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) CHATTERJI, PARTHA	N/A Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits Meeting Minutes for the Building 707 "A" Module Strip Out. The project in B707 consists of the removal of Gloveboxes A80, 110 and 125 plus clean out and modifications to several other boxes. The project also includes strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000006 10/01/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) CHATTERJI, PARTHA	N/A Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits Meeting Minutes for the Building 707 "A" Module Strip Out. The project in B707 consists of the removal of Gloveboxes A80, 110 and 125 plus clean out and modifications to several other boxes. The project also includes strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000007 04/15/1996 3 Pages PUBLIC	YES, ROUTINE Author(s) ROSS, PETE	N/A Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits Meeting Minutes for the Building 707 "J" Module Glovebox Removal. The meeting discussion consisted of a critically review of the Module Removal and the critical path schedule. Lessons Learned on the B707 "D" Module Project were discussed and their application to the "J" Module Project.
B707 A 000008 07/01/1996 19 Pages PUBLIC	YES, ROUTINE Author(s) THOMSON, JAMES R.	N/A Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) forwards Salt Residue Stabilization and Repack Project for Building 707 Module "F" Characterization Plan, Revision 0, dated June 1996. The project being performed is to establish a baseline of information concerning the physical, chemical and radiological condition of the facility. The project will include the removal of selected walls in the office area, twenty four pump down tables, three welders, three chillers, and updraft hood, pipes, control panels and other miscellaneous equipment, desks and tables.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000009 05/16/1996 14 Pages PUBLIC	YES, ROUTINE N/A Author(s) THOMSON, JAMES R.	Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) forwards Salt Residue Stabilization and Repack Project for Building 707 Module "A" Characterization Plan, dated May 1996. The project being performed is to establish a baseline of information concerning the physical, chemical and radiological condition of the facility. The project will include the removal of three Gloveboxes with interior equipment to include, A-80, A-110 and A125.
B707 A 000010 08/24/2000 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE KRAY, EDD	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) concurs with the Reconnaissance Level Characterization Report (RLCR) for the Building 707 Cluster, Revision 1 dated August 1, 2000. The issues and deficiencies in the original report have been corrected and resolved, pursuant to Sections 120 of Rocky Flats Cleanup Agreement (RFCA) and 3.3.2.2 of the Decommissioning Program Plan (DPP).
B707 A 000011 09/15/1995 1 Pages PUBLIC	YES, ROUTINE MBM-082-95 Author(s) MURDOCK, M. B.	Recipient(s) SPROLES, WAYNE	Rocky Mountain Remediation Services, L.L.C. (RMRS) memorandum regarding renewal of Threatened and Endangered (Species) (T&E), Migratory Bird and Wetlands Clearance for Polychlorinated Biphenyl (PCB) Removal Sites.
B707 A 000012 09/22/1999 633 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	Recipient(s) DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR) for Building 707 Complex, Historical Radiological Survey Data.
B707 A 000013 05/01/2000 49 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED NOT INDICATED	Recipient(s) DISTRIBUTION	Building 707 Closure Project Waste Management Plan, Draft 4, which includes Decontamination and Decommissioning (D&D) Summit assumptions dated May 2000. The plans purpose is to identify the volume, type and volume generation rate for each waste type that will be produced during facility

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000014 05/19/2000 825 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED NOT INDICATED	N/A Recipient(s) NOT INDICATED	Reconnaissance Level Characterization Report (RLCR) for Building 707 Cluster, Appendices A through J, dated May 19, 2000. Appendix A consists of Beryllium Sample Log; Appendix B, Asbestos Sampling Data Sheet; Appendix C, Survey Area H T707S Exterior; Appendix D, Survey Area AA and BB Building 708 External Surface Roof and 708C. Appendix E includes Survey of Area EE, Building 771, 711A, 718 and Area FF of Building 771 Roof. Appendix G, Survey Area GG, 718 Roof Exterior; Appendix H, Survey Area CC, Building 731 Interior; Appendix I, Survey Area E, Interior and Exterior of Building 732 Pit. Appendix J, Survey Area DD, Tanks T-206, T-208, T-209-221, T-223, T-290, T-324 and T-325.
B707 A 000015 08/01/2000 2 Pages PUBLIC	YES, ROUTINE Author(s) STEVENSON, JEFFREY L.	00-RF-02251; JLS-010-00 Recipient(s) HALE, JOHN	Kaiser-Hill Company, L.L.C. (K-H) submits Building 707 Cluster and Support Facility Reconnaissance Level Characterization Report (RLCR) Revision 1, for review and approval.
B707 A 000016 08/01/2000 174 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) NOT INDICATED	Kaiser-Hill Company, L.L.C. (K-H) submits Building 707 Cluster Reconnaissance Level Characterization Report (RLCR), Revision 1 dated August 1, 2000. This report has an attachment which consists of Appendices A through J. Appendix A consists of Beryllium Sample Log; Appendix B, Asbestos Sampling Data Sheet; Appendix C, Survey Area H T707S Exterior; Appendix D, Survey Area AA and BB Building 708 External Surface Roof and 708C. Appendix E includes Survey of Area EE, Building 771, 711A, 718 and Area FF of Building 771 Roof. Appendix G, Survey Area GG, 718 Roof Exterior; Appendix H, Survey Area CC, Building 731 Interior; Appendix I, Survey Area E, Interior and Exterior of Building 732 Pit. Appendix J, Survey Area DD, Tanks T-206, T-208, T-209-221, T-223, T-290, T-324 and T-325. The Appendices are in document B707-A-000014.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000017 07/25/2000 4 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE KRAY, EDD	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) discusses their review and comment on Building 707 Reconnaissance Level Characterization Report (RLCR) dated May 19, 2000. The CDPHE major concern will require revision, of the categorization of the Type 1 building, uncontaminated. Attached are the critical deficiencies within the B707 RLCR.
B707 A 000018 06/27/2000 2 Pages PUBLIC	YES, ROUTINE 00-DOE-02877 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE REHDER, TIMOTHY	US Department of Energy (DOE) forwards the Reconnaissance Level Characterization Report (RLCR) for the Building 707 Cluster, Revision Q, dated May 19, 2000.
B707 A 000019 08/22/2000 1 Pages PUBLIC	YES, ROUTINE 00-DOE-03228 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	US Department of Energy (DOE) forwards the Reconnaissance Level Characterization Report (RLCR) for the Building 707 Cluster, Revision 1 dated August 1, 2000.
B707 A 000020 05/14/1996 2 Pages PUBLIC	YES, ROUTINE RJC-011-1996 Author(s) CARR, RICKY J.	Recipient(s) FINKLEMAN, H.	Rocky Mountain Remediation Services, L.L.C. (RMRS) forwards a summary of the State of Colorado Asbestos work requirements for Building 707 Decontamination and Decommissioning (D&D).
B707 A 000021 06/06/1996 21 Pages PUBLIC	YES, ROUTINE 96-RF-03351; VM-193-96; USQD-707-96.0426-OMJ Author(s) MANI, VIK	Recipient(s) BROCKMAN, DAVID A.	Kaiser-Hill Company, L.L.C. (K-H) submits Unreviewed Safety Question Determination (USQD) for Repacking Ion Exchange Resin Residue in Building 707 for review and approval. This report discusses the residue, which is not currently in a configuration suitable for long-term storage.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000022 01/18/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	N/A Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) finds the Closure Project Decommissioning Operations Plan (DOP) for Building 707 acceptable and approval is granted to proceed with B707 decommissioning activities as described with the Rocky Flats Cleanup Agreement (RFCA) Decision Document (DD).
B707 A 000023 08/20/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-084-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "J" Module Glovebox Removal of August 12, 1996. The original scope of the project consists of the removal of the four large Gloveboxes and one small "B" Box in the "J" Module Building 707. All associated utilities are also to be removed.
B707 A 000024 08/20/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-085-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module strip out for August 14, 1996. The project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other gloveboxes and other strip outs in the "A" module of B707. It also includes the strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000025 08/26/1996 9 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-086-96 Recipient(s) LENARCIK, K.	Request for approval of Glovebox A80 Traffic Plan. The purpose of this correspondence is to present the recommended plan of action to move Glovebox A80 from Building 707 Module "A" to Building 776 for further reduction and waste processing.
B707 A 000026 08/26/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-087-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "J" Module Glovebox Removal of August 12, 1996. The original scope of the project consists of the removal of the four large Gloveboxes and one small "B" Box in the "J" Module Building 707. All associated utilities are also to be removed.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000027 08/27/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-088-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module strip out for August 14, 1996. The project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other gloveboxes and other strip outs in the "A" Module of B707. It also includes the strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000028 09/12/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-091-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "J" Module Glovebox Removal of August 12, 1996. The original scope of the project consists of the removal of the four large Gloveboxes and one small "B" Box in the "J" Module Building 707. All associated utilities are also to be removed.
B707 A 000029 09/09/1996 5 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-080-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module strip out for August 14, 1996. The project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other gloveboxes and other strip outs in the "A" Module of B707. It also includes the strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000030 09/22/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-094-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module strip out for August 14, 1996. The project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other gloveboxes and other strip outs in the "A" Module of B707. It also includes the strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000031 09/22/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-093-96 Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits Meeting Minutes for the Building 707 "A" Module Strip Out. The project in B707 consists of the removal of Gloveboxes A80, 110 and 125 plus clean out and modifications to several other boxes. The project also includes strip out of equipment in the Nondestructive Assay (NDA) area of the building.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 8 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000032 06/13/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-063-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.
B707 A 000033 06/10/1996 22 Pages PUBLIC	YES, ROUTINE Author(s) CHATTERJI, PARTHA	PC-007-96 Recipient(s) DISTRIBUTION	Dry Combustible Repack and Ash Stabilization Projects in Building 707, Modules D and E, Waste Management (WM) Plan. The purpose of this document is to address the applicable requirements for waste management activities and describe the program, which will be implemented to insure that these requirements are met.
B707 A 000034 04/18/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-042-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A will be treated as waste, with the possibility of free release.
B707 A 000035 06/26/1996 5 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-068-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000036 06/20/1996 22 Pages PUBLIC	YES, ROUTINE Author(s) KONWINSKI, GARY R. LEITNER, RANDY M.	96-RM-TA-0130-KH; GRK-174-96 Recipient(s) LEITNER, RANDY M. TOWER, STEVE	Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits the Resource Conservation and Recovery Act (RCRA) Closure Plan for Building 707 C-Pit Tank System. This is a partial system closure of organic liquid waste collection system, which is being forwarded to Kaiser-Hill Company, L.L.C. (K-H) and US Department of Energy (DOE).
B707 A 000037 07/03/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-072-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.
B707 A 000038 07/02/1996 3 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-071-96 Recipient(s) BOURGEOIS, T. G.	Discusses the establishment of a recovery program for the impacts on the Building 707 "J" Module by the efforts to achieve the "A" Module, A80 Glovebox removal effort.
B707 A 000039 02/19/1996 4 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-016-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.
B707 A 000040 02/20/1996 5 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-018-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000041 05/13/1996 3 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-052-96 Recipient(s) LENARCIC, KEN	Requesting to present the Transportation Committee with a proposal for transportation of the Gloveboxes from Building 707 "J" Module to B776 for size reduction. Request approval this date.
B707 A 000042 04/22/1996 19 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-043-96 Recipient(s) DISTRIBUTION	Rocky Mountain Remediation Services, L.L.C. (RMRS) distributes Building 707 "J" Module Glovebox Removal Waste Management Plan dated April 16, 1996, Revision 1. This project will result in the generation of hazardous Low-Level Waste (LLW) and Transuranic (TRU) Wastes will be required that a pre-job assessment be conducted to identify hazardous and radiological contaminants that may be present within the module during the equipment removal process.
B707 A 000043 03/11/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	HNF-023-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 and J40 are to be moved to "D" module in B707 for future use.
B707 A 000044 06/06/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-060-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000045 10/16/1996 21 Pages PUBLIC	YES, ROUTINE N/A Author(s) AYCOCK, MARY T.	Recipient(s) DISTRIBUTION	Building 707 Salt Residue Stabilization and Repack Project Modules A and F Waste Management (WM) Plan dated October 3, 1996, Revision 2. The scope for Module A is to remove 3 gloveboxes with interior equipment, remove optical equipment at Glovebox A-75 and remove all internal equipment from Glovebox A-70, A-75, A-85, A-90, A-100, A-120 and A-125. The Module A Project also includes work in Building 779.
B707 A 000046 10/16/1996 3 Pages PUBLIC	YES, ROUTINE PC-014-96 Author(s) CHATTERJI, PARTHA	Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 Module Strip Out which consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications to several other gloveboxes, and other strip outs in the "A" Module of B707. It also includes the Strip out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000047 03/18/1996 5 Pages PUBLIC	YES, ROUTINE HNF-028-96 Author(s) FINKLEMAN, H.	Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A will be treated as waste.
B707 A 000048 07/10/1996 5 Pages PUBLIC	YES, ROUTINE HNF-074-96 Author(s) FINKLEMAN, H.	Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J20, J40 and J50 are contaminated. They will be moved to B776 for volume reduction. J30 will be shipped to Los Alamos. J40A has been free released as waste.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000050 06/24/1996 5 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-066-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.
B707 A 000051 04/04/1996 6 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-037-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A will be treated as waste, with the possibility of free release.
B707 A 000052 07/22/1996 5 Pages PUBLIC	YES, ROUTINE Author(s) FINKLEMAN, H.	MAL MP-SMM-052; HNF-076-96 Recipient(s) DISTRIBUTION	Meeting Minutes: 707 "J" Module Glovebox Removal, which consists of the removal of four large Gloveboxes and one small "B" Box in the "J" Module of Building 707. All associated utilities are also to be removed. J 20, 40 and 50 are contaminated. They will be moved to B776 for volume reduction. J 30 will be shipped to Los Alamos. J40A has been free released as waste and on May 23, 1996, J10 was added to the project scope.
B707 A 000053 11/05/1996 3 Pages PUBLIC	YES, ROUTINE Author(s) CHATTERJI, PARTHA	PC-016-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module Strip-Out held on October 23, 1996. This project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other boxes. It also includes the strip-out of equipment in the Nondestructive Assay (NDA) area of the building.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000054 11/08/1996 3 Pages PUBLIC	YES, ROUTINE Author(s) CHATTERJI, PARTHA	PC-017-96 Recipient(s) DISTRIBUTION	Meeting Minutes: Building 707 "A" Module Strip-Out held on November 6, 1996. This project consists of the removal of Gloveboxes A80, 110 and 125, clean out and modifications of several other boxes. It also includes the strip-out of equipment in the Nondestructive Assay (NDA) area of the building.
B707 A 000055 06/25/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) DAN, CHARLES A. JR.	AMFD:FC:GIN:01-01210; 00427-RF-01 Recipient(s) MARTINEZ, LEONARD A.	US Department of Energy (DOE) forwards the Root Causes and Corrective Actions for Deficiencies in Safety Management for Building 707 Thermal Stabilization Event dated May 14, 2001, Revision 1 (June 14, 2001).
B707 A 000056 05/14/2001 16 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Root Causes and Corrective Actions for Deficiencies in Safety Management for Building 707 Thermal Stabilization Event dated May 14, 2001, Revision 1 (June 14, 2001). The corrective actions of concern are unusual Glovebox pressure fluctuations and incorrect furnace temperature settings occurred as a result of not adhering to the specified safety controls.
B707 A 000057 07/12/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) CROUSE, ARCH PUTNEY, MIKE	N/A Recipient(s) DISTRIBUTION	Purpose of Contact: Discusses the air compliance of Building 707/708 and 776/777 with environmental and building representatives on, July 11, 2001.
B707 A 000058 08/29/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) HOPKINS, TED A.	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Approval to move Gloveboxes for Building 707 to B776/777 and manage as remediation waste under Rocky Flats Cleanup Agreement (RFCA).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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B707 A 000059 09/26/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) SCHOMMER, RUTH	N/A Recipient(s) ADMINISTRATIVE RECORD	Timely Notification of Resource Conservation and Recovery Act (RCRA) Closure Activities for Building 707.
B707 A 000060 09/20/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) ZBRYK, KATHY	N/A Recipient(s) KRAY, EDD	Purpose of Contact: Discusses the mechanism for incorporation of the re-characterization of Building 709 from Type 2 to a Type 1 facility, into the B707 Closure Decommissioning Operations Plan (DOP).
B707 A 000061 09/20/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) ZBRYK, KATHY	N/A Recipient(s) KRAY, EDD	Purpose of Contact: Modified: Discusses the mechanism for incorporation of the re-characterization of Building 709 from Type 2 to a Type 1 facility, into the B707 Closure Decommissioning Operations Plan (DOP).
B707 A 000062 09/26/2001 5 Pages PUBLIC	YES, ROUTINE Author(s) FERRI, MARK S.	01-RF-02268; MSF-058-01 Recipient(s) DALTON, HENRY F.	Submits the enclosed Minor Modification 1 to the Building 707 Decommissioning Operations Plan (DOP) for approval and forward to Regulators.
B707 A 000063 09/26/2001 4 Pages PUBLIC	YES, ROUTINE Author(s) FERRI, MARK S. LEGARE, JOSEPH A. NEGRI, LISA M. P.E.	01-RF-02283; MSF-060-01; 01-DOE-0183; 00684-RF-01 Recipient(s) DALTON, HENRY F. GUNDERSON, STEVE LAVORATO, KAREN	Three letters submitting the Professional Engineering Certification for Closure of the Resource Conservation and Recovery Act (RCRA) Storage Racks in Building 707, Unit 707.1 Module E. Certification seal and signature attesting to closure attached.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

Page: 15 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000064 10/02/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) BLOOM, RICHARD W.	Recipient(s) LEHEW, JOHN	Discusses the C-Pit transfer lines in the overhead, which are not being addressed in the current planning, but the current planning is directly affecting many lines.
B707 A 000065 10/16/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) approval for the Minor Modification 1 to Building 707 Decommissioning Operations Plan (DOP).
B707 A 000066 10/18/2001 1 Pages PUBLIC	YES, ROUTINE 01-DOE-01882 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	The US Department of Energy (DOE) forwards the Pre-Demolition Survey Report (PDSR) for Cooling Tower 709 for review and concurrence per Section 4.5.1 of the Building 707 Project Decommissioning Operations Plan (DOP).
B707 A 000067 09/27/2001 55 Pages PUBLIC	YES, ROUTINE Ref: 01-DOE-01882 Author(s) NOT INDICATED	Recipient(s) DISTRIBUTION	Pre-Demolition Survey Report (PDSR), Building 709 (Building 707's Old Cooling Tower), 707 Closure Project, Revision 0 September 27, 2001. This report includes Attachments A through E - Facility Maps and Photos, Radiological and Chemical Characterization Packages, Chemical and Radiological Summary Maps and Data Quality Assessment (DQA) Details.
B707 A 000068 05/01/2001 8 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	Recipient(s) DISTRIBUTION	Lead Compliance Plan 707/776/777 Closure Plan, Revision 1, May 2001.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 16 of 41
Report Date: 19-MAY-05

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000069 10/30/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	Ref: 01-DOE-01882 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) agrees with criteria for the demolition of the 709 Cooling Tower.
B707 A 000070 11/19/2001 2 Pages PUBLIC	YES, ROUTINE N/A Author(s) HICKS, CAROLYN	Recipient(s) HINDMAN, JAMES	Purpose of Contact: Discusses requested approval to proceed with decommissioning of Building 707 Gloveboxes and equipment associated with Resource Conservation and Recovery Act (RCRA) Unit 707.3A.
B707 A 000071 11/27/2001 59 Pages PUBLIC	YES, ROUTINE Author(s) FERRI, MARK S.	01-RF-02721; MSF-070-01 Recipient(s) DALTON, HENRY F.	Submits the enclosed Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes updates to the Set descriptions and amendments that ensure consistency between the 707 DOP and the 776/777 DOP, such as management of the overall project is unambiguous. Includes updates and corrections to Table 20, B707 Resource Conservation and Recovery Act (RCRA) and corrections of typographical errors. Recharacterization of Type 2 facilities to Type 1 and approval of Clean Closure as the method of closure for Module E and Room 196 also included.
B707 A 000072 11/28/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) BLOOM, RICHARD W.	Recipient(s) HINDMAN, JAMES	Provides clarification associated with the inspection records and survey documentation for the closure of portions of Resource Conservation and Recovery Act (RCRA) Unit 707.1.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
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B707 A 000073 11/28/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) BAKER, THOMAS	Recipient(s) KRAY, EDD HINDMAN, JAMES	Provides a record of Notification of Intent to begin closure of several Resource Conservation and Recovery Act (RCRA) Units in Building 707.
B707 A 000074 12/10/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) ZBRYK, KATHY	Recipient(s) HINDMAN, JAMES	Purpose of Contact: Absorption of Criticality Drain Oil using Nochar Petro Bond. The oil in the criticality drains will be absorbed (using Nochar[tm]) In-Situ and the criticality drain will remain intact until the Glovebox is physically removed. The criticality drain and the absorbed oil are not a waste until the drain is removed from the Glovebox.
B707 A 000075 07/23/1997 2 Pages PUBLIC	YES, ROUTINE KDT-097-97 Author(s) TRICE, KELLY D.	Recipient(s) HOLIFIELD, A. J.	Discusses outline of actions that have been taken to ensure the safe continuance of work in Rooms 125A and 125B in Building 707, to restart the Decontamination and Decommissioning (D&D) operations.
B707 A 000076 12/18/2001 59 Pages PUBLIC	YES, ROUTINE 01-DOE-02193; 00816-RF-01 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	The US Department of Energy (DOE) forwards the attached Minor Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes a redefinition of the Closure Set descriptions, updates the B707 list of Resource Conservation and Recovery Act (RCRA) Regulated Units, revises the DOP to be more consistent with the B776/777 DOP and corrects some typographical errors.
B707 A 000078 12/18/2001 59 Pages PUBLIC	YES, ROUTINE 10-DOE-02193; 00816-RF-01 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	Forwards the enclosed Minor Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). This modification includes a redefinition of the Closure Set descriptions, updates the Building 707 list of Resource Conservation and Recovery Act (RCRA) Units, revises the DOP to be consistent with B776/777 DOP and corrects some typographical errors.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 18 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

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B707 A 000079 01/10/2002 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE KRAY, EDD	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) approves the Minor Modification 2 to the Building 707 Decommissioning Operations Plan (DOP). The Division is not approving Item No. 9 of the modification request, proposing the removal of the for an independent Colorado-registered professional engineer to certify the closure of Resource Conservation and Recovery Act (RCRA) Regulated Units.
B707 A 000080 04/10/2002 2 Pages PUBLIC	YES, ROUTINE KN-050-02 Author(s) NORTH, KARAN	Recipient(s) THOMPSON, JENNIFER	Discusses the environmental compliance issues to the installation of asphalt pads, that will serve as staging areas for bulk storage waste containers outside of Building 707.
B707 A 000081 03/11/2002 34 Pages PUBLIC	YES, ROUTINE N/A Author(s) ZBRYK, KATHY	Recipient(s) HINDMAN, JAMES	Purpose of Contact: Provides an update on the absorption of criticality drain oil using Nochar Petro Bond in the Building 707 complex. A work package titled "Solidity and Isolate Crit. Drain Oil Seals and Force Transmitter Seal Assemblies" attached.
B707 A 000082 09/24/2001 2 Pages PUBLIC	YES, ROUTINE N/A Author(s) BLOOM, RICHARD W.	Recipient(s) HAINES, PATRICK	E-mail correspondence that concerns the accelerated Decontamination and Decommissioning (D&D) activities to initiate the effluent monitoring for Building 707 Module A, C and E.
B707 A 000083 07/12/2002 4 Pages PUBLIC	YES, ROUTINE 02-RF-01595; MSF-040-02 Author(s) FERRI, MARK S.	Recipient(s) LEGARE, JOSEPH A.	Submits the enclosed Professional Engineering Certifications for Closure of the Resource Conservation and Recovery Act (RCRA) Storage Units in Building 707, Unit 707.1.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 19 of 41
Report Date: 19-MAY-05

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B707 A 000085 07/01/2002 9 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	MAN-072-OS&IH PM; MAN-T91-STSM-001 Recipient(s) DISTRIBUTION	Building 707, 776 and 777 cargo loading current process per PRO-1285. Includes schedule and changes to be implemented with photographs of the docks and a map.
B707 A 000086 07/29/2002 4 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	02-DOE-01106; 00523-RF-02 Recipient(s) GUNDERSON, STEVE	The US Department of Energy (DOE) forwards the enclosed Professional Engineering certification for the clean closure of the storage units located in Building 707, Unit 707.1, Rooms 167, 169, 171, 175, 179, 180, 182 and 183 for review and concurrence.
B707 A 000087 02/20/2003 2 Pages PUBLIC	YES, ROUTINE N/A Author(s) HOPKINS, TED A.	Recipient(s) HINDMAN, JAMES	Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS/Site) has submitted a Reapplication of its Resource Conservation and Recovery Act (RCRA) Permit to Colorado Department of Public Health and Environment (CDPHE) for approval. Once approved, this document would govern RCRA operations throughout the site. One example of the changes that this reapplication would allow is the storage of liquid RCRA wastes in Modules A, B, D, and E of Building 707. In anticipation of CDPHE's approval of the reapplication, 707 personnel have been planning re repack a number of Legacy containers that contain liquids. Repack operations for Legacy Wastes in 707 are scheduled to start the week of February 24. A repack enclosure is being constructed in Module A. However, CDPHE has not yet completed its review and approval of the Reapplication. In order to expedite the repack of these legacy wastes, CDPHE has agreed to our request to allow for the interim storage of liquids in Modules A, B, D, and E of 707 provided (1) container storage in these Modules must comply with all applicable requirements identified in Part III and Part VII of the Reapplication Permit; and (2) this approval would terminate once the new RFETS Permit is issued. RCRA

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CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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B707 A 000088 02/24/2003 3 Pages PUBLIC	YES, ROUTINE Author(s) HOPKINS, TED A.	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Rocky Flats Environmental Technology Site (RFETS/Site) has submitted Resource Conservation and Recovery Act (RCRA) Permit Modification Request No. 01-01 to Colorado Department of Public Health and Environment (CDPHE) for approval. Once approved, this document would govern RCRA container storage operations and preparedness and prevention requirements for hazardous waste throughout the Site. CDPHE has not yet completed its review and approval of the permit modification.
B707 A 000089 08/01/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) SHELTON, DAVID C.	01-RF-01813; DCS-006-01 Recipient(s) OUIMETTE, DAVID R.	During a meeting on July 26, 2001, the Rocky Flats Asbestos Abatement Program and projects were discussed. Kaiser-Hill Company, L.L.C. (K-H), US Department of Energy, Rocky Flats Field Office (DOE/RFFO), and the Colorado Department of Public Health and Environment Air Pollution Control Division (APCD) were all in attendance. The following seven (7) agreements were reached ...
B707 A 000090 07/02/2003 2 Pages PUBLIC	YES, ROUTINE Author(s) HICKS, CAROLYN	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Discusses clarifying closure performance standards in Building 707 Decommissioning Operations Plan (DOP).
B707 A. 000091 11/01/1994 28 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	SW-A-001217 Recipient(s) DISTRIBUTION	7.0 Operational History of Building 707 (Historical Release Report (HRR) November 1994) - The history includes information on the construction and functions of the building and gives a physical description of the building. Describes the Plutonium (Pu) manufacturing operations that took place between 1970 and 1989, Building 707 provided metallurgical support for Pu and was involved in final product assembly.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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B707 A 000092 09/30/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) FOSS, DYAN	N/A Recipient(s) KRAY, EDD	Purpose of Contact: Advanced Size Reduction Facility (ASRF) Disposition. In accordance with the 776/777 Decommissioning Operations Plan (DOP), Appendix I, the preparation of the facility for demolition is conducted in consultation with the Colorado Department of Public Health and Environment (CDPHE) and is based on a series of decisions primarily related to maintaining releases to the environment and doses to the workers as low as reasonably achievable (ALARA). This contact record and the enclosed attachment document the activities that were conducted to prepare the ASRF for demolition.
B707 A 000093 09/30/2003 1 Pages PUBLIC	YES, ROUTINE Author(s) SCHUETZ, GARY	N/A Recipient(s) KRAY, EDD	Purpose of Contact: Report results of the DOE / CDPHE walk-downs with KH of five completed decommissioning sets in Building 707 (Sets B5, E5, J2, J5, and K3) and three completed decommissioning sets in Building 776/777 (Sets 66, 67, and 80). This contact record is to document that CDPHE did not report any issues or concerns or have and questions with the subject work-sets. Therefore, DOE concludes that CDPHE concurs with DOE's determination that these sets are complete.
B707 A 000094 12/21/2000 242 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	The Building 707 Closure Project is comprised of Buildings 707, T-707S, 708, 709, 711, 711A, 718, 731, 732, 778, and 21 aboveground storage tanks (ASTs) all of which are located within the Protected Area (PA) of the Rocky Flats Environmental Technology Site (RFETS/Site). Closure of facility within the Building 707 Closure Project is necessary to meet the goals of the Rocky Flats Cleanup Agreement (RFCA) and the Rocky Flats Closure Project Baseline (CPB).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 22 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000095 11/15/2001 56 Pages PUBLIC	YES, ROUTINE Author(s) FERRI, MARK S.	01-RF-02721; MSF-070-01 Recipient(s) DALTON, HENRY F.	Modification 2 to the Building 707 Decommissioning Operations Plan (DOP) - Kaiser-Hill Company, L.L.C. (K-H) is submitting the attached minor modification for US Department of Energy, Rocky Flats Field Office (DOE/RFFO) approval and forwarding to the Colorado Department of Public Health and Environment (CDPHE). This modification to the DOP includes: (1) Updates to the Set descriptions; (2) Amendments that ensure consistency between the 707 FOP and the 776/777 DOP such that management of the overall 707/776/777 Project is unambiguous; (3) Updates and corrections to Table 20, Building 707 RCRA-Regulated Units; and, (4) Correction of typographical errors and incorrect references.
B707 A 000096 10/04/2003 1 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	01-DOE-01842 Recipient(s) GUNDERSON, STEVE	Forwards enclosed Minor Modification Number 1 to the Building 707 Decommissioning Operations Plan (DOP) This minor modification is being submitted in accordance with Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA) and it has been discussed with Colorado Department of Public Health and Environment (CDPHE). This modification includes the re-characterization of Type 2 facilities and specifies clean closure as the method of closure for Module E and Room 196. Per Paragraph 127 of RFCA, a timeframe of 7 days is set for review and approval of minor modifications.
B707 A 000097 09/26/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) FERRI, MARK S.	01-RF-02268; MFS-058-01 Recipient(s) DALTON, HENRY F.	Pursuant to Section 4.0 of Building 707 Decommissioning Operations Plan (DOP) and Paragraph 127 of the Rocky Flats Cleanup Agreement (RFCA), the Kaiser-Hill Company, L.L.C. (K-H) is submitting this minor modification for approval and transmittal to the Colorado Department of Public Health and Environment (CDPHE). This modification includes: Transition of Type 2 facilities to Type 1 as a result of the Pre-Demolition Survey data inclusion of clean closure through the demonstration of no contamination, as a Resource

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000098 12/16/2003 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) BAKER, THOMAS	Recipient(s) HINDMAN, JAMES	Purpose of Contact: The site Resource Conservation and Recovery Act (RCRA) treatment unit, S002, is permitted for the use of NoChar. Treatment work is to be done in a permitted unit. Module A Building 707 is permitted unit 707.1. Colorado Department of Public Health and Environment (CDPHE) waived the 7 day advanced notice and gave permission to proceed when ready.
B707 A 000099 12/31/2003 2 Pages PUBLIC	YES, ROUTINE 03-RF-01885; TJD-037-03 Author(s) DIETER, THOMAS J.	Recipient(s) WESTBROOK, J. EDWARD	Attached [000100] Notification of intent to replace Electrical System. The purpose of this letter is to notify US Department of Energy (DOE), Rocky Flats Field Office (RFFO) of intent to replace existing fixed electrical power systems with temporary systems in Building 707/707A. This letter supersedes the referenced letter to reflect current plans for temporary electrical power and to reflect the current status decommissioning activities in the facility.
B707 A 000100 12/31/2003 24 Pages PUBLIC	YES, ROUTINE REF: 03-RF-01885; TJD-037-03 Author(s) HENDERSON, BRIAN	Recipient(s) DISTRIBUTION	The purpose of the Building 707 Fixed Power Back-out Plan is to lay out the scope, prerequisites, and process for removing the remaining fixed power systems from service and isolation of remaining Site power feeds to the fixed facility electrical distribution system in preparation for stripout. Execution of this backout plan will provide significant hazard reduction to the workers and is necessary for the safe completion of Decontamination and Decommissioning (D&D) activities within the facility.
B707 A 000101 12/16/2003 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) BAKER, THOMAS	Recipient(s) HINDMAN, JAMES	Purpose of Contact: To inform Colorado Department of Public Health and Environment (CDPHE), of a new location for NoChar treatment of Transuranic / Transuranic Mixed (TRU/TRM) oil in Module A Building 707. The site Resource Conservation and Recovery Act (RCRA) treatment Unit S002 is permitted for the use of NoChar. Treatment work is to be done in permitted unit. Module A Building 707 is permitted Unit 707.1. The CDPHE waived the 7 day advanced notice and gave permission to proceed when ready.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 24 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000102 09/30/2003 1 Pages PUBLIC	YES, ROUTINE Author(s) SCHUETZ, GARY	N/A Recipient(s) KRAY, EDD	Purpose of Contact: Report results of the US Department of Energy (DOE), Colorado Department of Public Health and Environment (CDPHE), walk-downs with K-H Independent Safety Oversight (KH), of five (5) completed decommissioning sets in Building 707, (Sets B5, E5, J2, J5, and K3), and three (3) completed decommissioning sets in B776/777 (Sets 66, and 80). This contact that CDPHE did not report any issues or concerns or have any questions with the subject work-sets. Therefore, DOE concludes that CDPHE concurs with DOE's determination that these sets are complete.
B707 A 000103 03/24/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) PUDLIK, GREG	N/A Recipient(s) AINSCOUGH, HARLAN	Purpose of Contact: Samples location guidance regarding Building 707 Module H Autoclave Vaults IHSS Group 700-2, IA-04-02. During the March 4, 2004 Comment Resolution Meeting at the Mountain View office, the Colorado Department of Public Health and Environment (CDPHE), informed the Environmental Restoration (ER) Group that sampling outside the Building 707 would be acceptable method to target the autoclave vaults located in Module H at the south end of the building. Because of the extreme difficulty of collecting samples directly below the vault floors, the CDPHE is allowing for two samples to be collected outside the south building wall and one sample outside either the east or west building wall, depending on potential interference's from utilities or other below ground hazards.
B707 A 000104 08/11/2004 2 Pages PRELIM	YES, ROUTINE Author(s) FOSS, DYAN	N/A Recipient(s) DISTRIBUTION KRAY, EDD	Purpose of Contact: Building 711 is a cooling tower that supplied the cooling systems in Building 707, 708, and 750. The cooling tower was designated a Type 1 facility in the Reconnaissance Level Characterization Report (RLCR) for the Building 707 Cluster, Revision 1, dated August 1, 2000. In accordance with the 707 Decommissioning Operations Plan (DOP), Type 1 decommissioning may be performed using RFETS procedures upon notification to the LRA. The demolition of this structure was discussed with the CDPHE

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 25 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000105 04/14/2004 16 Pages PUBLIC	YES, ROUTINE N/A Author(s) LINSINBIGELER, HARRY	Recipient(s) PIZZUTO, VICTOR M.	Subject: Memo of Understanding for the Demolition of Building 707/776/777/778 and associated Buildings.
B707 A 000106 07/27/2004 1 Pages PRELIM	YES, ROUTINE 00322-RF-04 Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material Waste Management Division has reviewed the Reconnaissance Level Characterization Report (RLCR) for Trailer 707B, Revision 0 dated July 14, 2004. CDPHE received this RLCA on July 21, 2004. Based on the information contained in the RLCR CDPHE are hereby concurring with the determination that T707B is a Type 1 Facility.
B707 A 000107 08/02/2004 1 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: This contaminated component removal is addressed in the 707 Decommissioning Operations Plan (DOP). This contract record document Colorado Department of Public Health and Environment (CDPHE) concurrence with the recommendation to mark the location with orange paint, leave these in place until Building 707 is demolished, and then as the slab is broken up these section of pipe be segregated and removed.
B707 A 000108 07/14/2004 2 Pages PRELIM	YES, ROUTINE 04-RF-00746; DWF-041-04; [000109] Author(s) FERRERA, DENNIS W.	Recipient(s) MORGAN, GARY	Transmittal provided for US Department of Energy (DOE) review and approval is the attached [000109] transmittal of Building T707B for Reconnaissance Level Characterization Report (RLCR), Type 1 Facility. This report characterizes the physical, chemical and radiological hazards associated with the facility, summarizes the characterization activities, defines the Data Quality Objectives (DQO) developed for this characterization, and presents the Data Quality Assessment (DQA), verification and validation of results. Based upon this RLCR and subject to congruence by the Colorado Department of Public Health and Environment (CDPHE),

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 26 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000109 07/14/2004 37 Pages PRELIM	YES, ROUTINE Author(s) FERRERA, DENNIS W.	04-RF-00746; DWF-041-04 Recipient(s) MORGAN, GARY	A Reconnaissance Level Characterization (RLC) was performed to enable compliant disposition and Waste Management of Building T707B Closure Project of Rocky Flats Environmental Technology Site (RFETS/Site). Because this facility was an anticipated Type 1 facility, a Pre-Demolition Survey (PDS) characterization was performed. All facilities surfaces were characterized in this RLC, including the interior and exterior surfaces of the facility (i.e., floor, wall, ceiling and roof). Environment media beneath and surrounding the facility was not within the scope of this RLC Report (RLCR) and will be addressed at a future date using the Soil Disturbance Permit process and in compliance with RFCA.
B707 A 000110 08/18/2004 2 Pages PRELIM	YES, ROUTINE Author(s) FERRERA, DENNIS W.	04-RF-00842; DWF-050-04; [000111] Recipient(s) MORGAN, GARY	Transmittal provided for US Department of Energy (DOE) review and approval is attached [000111] transmittal for Building 705. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objectives (DQO), developed for this characterization, and presents the Data Quality Assessment (DQA), verification and validation of demolition.
B707 A 000111 08/17/2004 29 Pages PRELIM	YES, ROUTINE Author(s) FERRERA, DENNIS W.	94-RF-00842; DWF-050-04 Recipient(s) MORGAN, GARY	A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and Waste Management (WM) of Building 705. Because this Type 2 building will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-127-PDSP). Building surfaces characterized as part of this PDS included walls, ceiling and roof. Environmental media beneath and surrounding the facilities were not within scope of this PDS and will be addressed in accordance with the Soil Disturbance Permit process and in compliance with Rocky Flats Cleanup Agreement (RFCA).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000112 09/20/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of the portion of Building 707 under transformers. In 1991, one of the six transformers located on the rooftop of Building 707 was identified as leaking polychlorinated byphenyls (PCB)-containing dielectric oil. Since the affected area is on the roof, all building rubble that is created during the removal of this area will be dispositioned as PCB waste.
B707 A 000113 09/02/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Building 778.. As a result of the 1969 Building 776/777 fire, contamination was spread down the passageway into Building 778. In addition, the 778 laundry facility processed uranium-contaminated protective clothing, and has contamination greater than the unrestricted release limits on some areas of the floor, three small valve pits, and in concrete filled trenches. The majority of the 778 structure including walls, ceiling and miscellaneous components, piping systems, and conduit were not impacted by the fire and will be free-released for demolition with the remaining 778 structure. During discussions with CDPHE, it was proposed that the 778 laundry, plenum room, and breezeway slab be demolished with the 776/777 demolition. These areas are physically connected to 776/777, and were directly impacted by the 1969 fire. The contaminated component removal is covered in the 707 DOP and the disposition of this area will be documented in a contact record with CDPHE.
B707 A 000114 09/16/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Building 731 and 732 are part of the 707 Project and addressed in the Building 707 Closure Project Decommissioning Operations Plan (DOP). Building 731 is plenum deluge/process waste pit constructed of reinforced concrete with a reinforced concrete stairs leading to the below ground portion of the structure.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000115 09/23/2004 1 Pages PRELIM	YES, ROUTINE Author(s) PIZZUTO, VICTOR M.	04-RF-00984; VMP-034-04; [000116] Recipient(s) LEGARE, JOSEPH A.	The attached [000116] letter transmits the final Pre-Demolition Survey Report (PDSR) for Building 718, 707 Closure Project. Please transmit a copy of this PDSR to Colorado Department of Public Health and Environment (CDPHE) for review.
B707 A 000116 09/23/2004 25 Pages PRELIM	YES, ROUTINE Author(s) PIZZUTO, VICTOR M.	04-RF-00984; VMP-030-04 Recipient(s) LEGARE, JOSEPH A.	A Pre-Demolition Survey (PDS) was performed to define the final radiological and chemical condition of the facility. Building 718 was categorized as a Type 2 facility based on the Reconnaissance Level Characterization (RLC) characterization survey performed. Because this structure will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-127-PDSP). The results of this survey demonstrate that B718 meets the unrestricted release limits specified in the site PDSR prior to demolition. Environmental media beneath and surrounding this area was not within scope of this PDS and will be addressed by Environmental Restoration.
B707 A 000117 09/21/2004 3 Pages PRELIM	YES, ROUTINE Author(s) PIZZUTO, VICTOR M.	04-RF-00961; VMP-029-04 Recipient(s) BOSTIC, RON	This letter transmits to the US Department of Energy, Rocky Flats Project Office (DOE/RFPO), Notification of intent to declare all areas of Building 707 Operationally Clean in accordance with Technical Safety Requirements (TSR) Administrative Controls (AC) 5.5, Operationally Clean. TSR AC 5.5.1.1 required notification to DOE at least 7 calendar days to prior to declaring an area Operationally Clean and discontinuing TSR requirements.
B707 A 000118 10/12/2004 2 Pages PRELIM	YES, ROUTINE Author(s) HICKS, CAROLYN	N/A Recipient(s) AINSCOUGH, HARLAN	Purpose of Contact: Discuss RCRA Closures in Building 707 and characterization of debris waste removed as part of RCRA debris rule cleaning.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000119 09/23/2004 26 Pages PRELIM	YES, ROUTINE N/A Author(s) NOT INDICATED	Recipient(s) NOT INDICATED	Pre-Demolition Survey Report (PDSR) Building 718, Revision 0, September 23, 2004. A PDS was performed to define the final radiological and chemical condition of Building 718 in accordance with decommissioning objectives.
B707 A 000120 10/13/2004 28 Pages PRELIM	YES, ROUTINE Ref: 04-RF-01054; DCD-077-04 Author(s) GRUBE, MIKE	Recipient(s) LEGARE, JOSEPH A.	Final Pre-Demolition Survey Report (PDSR) for Building 708 Closure Project. A Pre-Demolition Survey was performed to define the final radiological and chemical condition of Building 708 in accordance with decommissioning objectives. Based upon the results of this PDSR, 708 meets the unrestricted release limits specified in the site pre-Demolition Survey Plan. With CDPHE concurrence, 708 will be demolished and managed as sanitary waste.
B707 A 000121 10/01/2004 2 Pages PRELIM	YES, ROUTINE 04-DOE-00746; 00452-RF-04 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	This letter forwards the enclosed Professional Engineer Certification for Clean Closure of the Resource Conservation and Recovery Act (RCRA) regulated container storage units in Building 707 - Module D, Module E, and Module H.
B707 A 000122 10/14/2004 1 Pages PRELIM	YES, ROUTINE 04-RF-01054; DCD-077-04 Author(s) DEL VECCHIO, D. C.	Recipient(s) LEGARE, JOSEPH A.	Submits the attached [000120] Final Pre-Demolition Survey Report (PDSR) for Building 708 Closure Project.
B707 A 000123 10/06/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Building 707 C-pit.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000124 10/20/2004 1 Pages PRELIM	YES, ROUTINE N/A Author(s) VAUGHN, TERRY	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Building T707S. Building T707S is a small utility shed located south of Building 707. The building was previously used for storage, and is now completely empty. This building was designated a Type 1 facility in the Reconnaissance Level Characterization Report (RLCR) for the 707 Cluster. CDPHE concurred with the project's intent to initiate demolition of T707S.
B707 A 000125 09/28/2004 1 Pages PRELIM	YES, ROUTINE 00440-RF-04, [000115] Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HMC), Waste Management (WM), Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 718 of the 707 Closure Project, Revision, 0, dated September 23, 2004. Based on the information contained in this PDSR, CDPHE are hereby approving the document and demolition can proceed.
B707 A 000126 10/28/2004 6 Pages PRELIM	YES, ROUTINE 04-RF-01107; DCD-011-04 Author(s) DEL VECCHIO, D. C.	Recipient(s) LEGARE, JOSEPH A.	Kaiser-Hill is submitting the enclosed Minor Modification 3 for DOE approval and transmittal to the Colorado Department of Public Health and Environment.
B707 A 000127 10/25/2004 1 Pages PRELIM	YES, ROUTINE 04-RF-01096, DCD-010-04 [000128] Author(s) DEL VECCHIO, DAVID	Recipient(s) LEGARE, JOSEPH A.	This attached [000128] letter transmits the Final Pre-Demolition Survey Report (PDSR) for the second floor and exterior of Building 707. Please transmit a copy of this PDSR to Colorado Department of Public Health and Environment (CDPHE), for CDPHE review and concurrence. The reminded of the 707 Building (first floor) PDSR will be sent separately upon completion.
B707 A 000128 10/25/2004 420 Pages PRELIM	YES, ROUTINE 04-RF-01096, DCD-010-04 Author(s) DEL VECCHIO, DAVID	Recipient(s) LEGARE, JOSEPH A.	The Pre-Demolition Survey Report (PDSR) for the 2nd Floor and Exterior of Building 707 was preformed to define the final radiological and chemical condition of this portion of the facility. Building 707 was categorized as a Type 3 facility based on the Reconnaissance Level Characterization surveys performed. Because this structure will be demolished, the

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000129 10/27/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) WIEMELT, KAREN	Recipient(s) KRUCHEK, DAVID	Purpose of Contact: On October 27, 2004, at 1000, a meeting regarding Valve Vault (VV) 09 was conducted with the Colorado Department of Public Health and Environment (CDPHE). VV 09 is located at the Northwest corner of Building 707. The Vault's dimensions are 8' by 12' by 11'8" deep. There is also a sump below the bottom of the vault. Additionally, the final grade in this area will be approximately 5 feet higher than current grade.
B707 A 000130 10/12/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) HICKS, CAROLYN	Recipient(s) AINSCOUGH, HARLAN	Purpose of Contact: Six Resource Conservation and Recovery Act (RCRA) secondary containment areas in Building 707 were washed and rinsed to meet RCRA closure requirements. These areas were all associated with mixed residue tanks in C-Pit (Units 92.001-92.019) including ancillary piping from gloveboxes in the Modules to the C-Pit tanks, and the waste transfer line to Building 777. The data were provided to Colorado Department of Public Health and Environment (CDPHE) on August 6, 2004 via email.
B707 A 000131 10/20/2004 1 Pages PRELIM	YES, ROUTINE N/A Author(s) VAUGHN, TERRY	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Building T707S is a small utility shed located south of Building 707. The building was previously used for storage, and is now completely empty. This building was designated a Type 1 facility in the Reconnaissance Level Characterization Report (RLCR) for Building 707 Cluster, Revision 1, dated August 1, 2000.
B707 A 000132 11/04/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Building 707 Slab. Building 707 is a two-story structure with a single story addition location on the East Side of main building. Decommissioning has been on going in the building since October 2001. After the equipment was removed, decontamination efforts were initiated on the structure itself with the goal of achieving the unrestricted release criteria. However, despite aggressive decontamination efforts, some of the areas could not be decontaminated to unrestricted release.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 32 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000133 11/05/2004 2 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00546-RF-04, 04-DOE-00843 Recipient(s) GUNDERSON, STEVE	Forwards: the purpose of this letter is to submit for concurrence, the enclosed PE Certification for Clean Closure of the Resource Conservation and Recovery Act (RCRA) regulated container storage units in Building 707, Unit 707.1, Module A Module B, Room 183 and Room 196. This submittal is provided in accordance with the Building 707 Decommissioning Operations Plan (DOP), Section 6.1.1 and Section 6.2.
B707 A 000134 11/12/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00559-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), and Waste Management (WM), Division (the "Division") has received the subject certification on November 5, 2004. The Division accepts that the Clean Closure Option 1 performance standards have been fulfilled as certified by a Colorado Registered Professional Engineer. Container storage areas, Module A, and B, Room 183 and Room 196, each as part of Resource Conservation and Recovery Act (RCRA), Unit 707.1 in Building 707, are closed.
B707 A 000135 11/08/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Disposition of Metal in the overhead of Building 707 and clarification on the disposition of 731 and 732. There are two areas in Building 707 that have embedded metal that cannot be decontaminated to the unrestricted release criteria. The metal is considered structural and cannot be removed prior to demolition.
B707 A 000136 11/10/2004 9 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	DCD-014-04 Recipient(s) LINSINBIGELER, HARRY	Project transition and turnover of 707 Closure Project facilities for Demolition. Building 707 is ready for transition and turnover to the Remediation, Industrial Building D&D and Site Services Project, (RISS) organization for demolition. Building condition and readiness for demolition will be addressed via the standard "Transition Document" currently being prepared.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000137 11/04/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) HICKS, CAROLYN	Recipient(s) AINSCOUGH, HARLAN	Purpose of Contact: the Resource Conservation and Recovery Act (RCRA) closures in Buildings 707 and 778 and Characterization of waste removed as part of RCRA debris rule cleaning and demolition. Four RCRA secondary containment areas in Buildings 707 and 778 were washed and rinsed to meet RCRA closure requirements in accordance with the Building 707 Decommissioning Operations Plan (DOP). The data were provided to Colorado Department of Public Health and Environment (CDPHE) on October 25, 2004 via email.
B707 A 000138 11/04/2004 2 Pages PRELIM	YES, ROUTINE 04-RF-01137; DCD-013-04 [000134] Author(s) DEL VECCHIO, DAVID	Recipient(s) LEGARE, JOSEPH A.	Submits; the Professional Engineer Certification for Closure of Resource Conservation and Recovery Act (RCRA) Storage Units in Building 707, Unit 707.1. Pursuant to Section 6.2 of the Building 707 Decommissioning Operations Plan (DOP), the Kaiser-Hill Company, L.L.C. (K-H) is submitted the enclosed Professional Engineer (P.E) certification for US Department of Energy (DOE), transmittal to the Colorado Department of Public Health and Environment (CDPHE) for their concurrence.
B707 A 000139 10/29/2004 1 Pages PRELIM	YES, ROUTINE 00517-RF-04 Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material (HM) Waste Management (WM) Division (the "Division") has received the Certification for Resource Conservation and Recovery Act (RCRA) Clean Closure of Modules D, E and H of Building 707. The certification transmitted on October 1, 2004. The Division agrees, as the certification notes, that closure activities were performed under Clean Closure Option 1 of the Building 707 Closure Project Decommissioning Operations Plan (DOP).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000140 11/09/2004 2 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	N/A Recipient(s) FOSS, DYAN	Building 707 Closure Project Contaminated Component/Building Shell Removal evaluation. Building 707 is a two-story structure, constructed in 1967 and used for plutonium manufacturing. Buildings 731, 732, and 778 were support facilities for Building 707 operations. Decommissioning, have been on going in the project since October 2001. During decommissioning, several areas were identified that would not be decontaminated to the unrestricted release criteria.
B707 A 000141 11/30/2004 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01204; DCD-017-04 Recipient(s) LEGARE, JOSEPH A.	This letter submits the attached [000142] Final Pre-Demolition Survey Report (PDSR) for Building 778.
B707 A 000142 11/15/2004 87 Pages PRELIM	YES, ROUTINE Author(s) NOT INDICATED	Ref: 04-RF-01204; DCD-017-04 Recipient(s) LEGARE, JOSEPH A.	Pre-Demolition Survey Report (PDSR) Building 778, Revision 0, November 15, 2004. A pre-demolition survey was performed to define the final radiological and chemical condition of this portion of the facility. Building 778 was categorized as a Type 2 Facility based on the reconnaissance level characterization surveys performed. The purpose of this report is to communicate and document the results of this portion of the B778 PDS effort.
B707 A 000143 11/30/2004 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01203; DCD-016-04 Recipient(s) LEGARE, JOSEPH A.	Submits the attached [000144] Final Pre-Demolition Survey Report (PDSR) for Buildings 731 and 732.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000144 11/18/2004 40 Pages PRELIM	YES, ROUTINE Author(s) NOT INDICATED	Ref: 04-RF-01203; DCD-016-04 Recipient(s) LEGARE, JOSEPH A.	Pre-Demolition Survey Report (PDSR) for Building 731 and 732 Revision 0 November 18, 2004. A pre-demolition survey was performed to define the final radiological and chemical condition of these facilities. Building 731 and 732 were categorized as Type 2 facilities based on the reconnaissance level characterization surveys. The purpose of this report is to document the results of the 731 and 732 PDS effort.
B707 A 000145 12/02/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00585-RF-04 Recipient(s) LEGARE, JOSEPH A.	Based on the information contained in the 778 Pre-Demolition Survey Report (PDSR), the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division hereby approves the document. Demolition of this structure, with disposal of any structural debris that does not meet the radiological unrestricted release criteria as low-level radioactive waste, can begin.
B707 A 000146 12/02/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00586-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division hereby approves the PDSR for facilities 731 and 732. Demolition of these structures, with disposal of the generated structural debris as low-level radioactive waste, can begin.
B707 A 000147 11/02/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00524-RF-04 Recipient(s) LEGARE, JOSEPH A.	Transmits: The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), Waste Management (WM), Division hereby approves Minor Modification 3 to the Building 707 Decommissioning Operations Plan (DOP), dated October 27, 2004.
B707 A 000148 11/02/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00525-RF-04, [000128] Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), Waste Management (WM), Division has reviewed the Final Pre-Demolition Survey Report (PDSR) for the second floor and exterior of Building 707 Revision 0, dated October 20, 2004. Based on the information contained in this PDSR, CDPHE, are here by approving the document and agree the report identifies that

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000149 12/08/2004 2 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	DCD-020-04 Recipient(s) GEIS, J. A.	Cancellation of Nuclear Criticality Safety Program for Building 707 Complex. Approval of this action is requested by December 30, 2004, to support closeout of programs associated with demolition of Building 707.
B707 A 000150 11/30/2004 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01203; DCD-016-04 Recipient(s) LEGARE, JOSEPH A.	Letter submits the attached [000152] Final Pre-Demolition Survey Report (PDSR) for Buildings 731 and 732.
B707 A 000151 12/01/2004 1 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	04-DOE-00898; 00600-RF-04 Recipient(s) GUNDERSON, STEVE	Letter forwards the attached [000152] Final Pre-Demolition Survey Report (PDSR) for Buildings 731 and 732.
B707 A 000152 11/18/2004 40 Pages PRELIM	YES, ROUTINE Author(s) NOT INDICATED	Ref: 04-DOE-00898; 00600-RF-04; 04-RF-01203; DCD-0 Recipient(s) GUNDERSON, STEVE	Final Pre-Demolition Survey Report for Buildings 731 and 732, November 18, 2004. This PDSR addresses the pre-demolition surveys performed to define the final radiological and chemical condition of facilities 731 and 732 in accordance with decommissioning objectives.
B707 A 000153 11/24/2004 14 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	04-DOE-00873; 00581-RF-04; DE-ACO5-00OR22750 Recipient(s) GUNDERSON, STEVE	Forwards the Final Pre-Demolition Survey Report for the First Floor of Building 707 for CDPHE concurrence. This PDSR transmittal is in accordance with the Building 707 Closure Project Decommissioning Operations Plan and is the result of the consultative process to establish and document the final survey status.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000154 12/01/2004 1 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00601-RF-04; 04-DOE-00895; [000155] Recipient(s) GUNDERSON, STEVE	Forwards: The attached [000155] of this letter is to deliver the Final Pre-Demolition Survey Report (PDSR), for Building 778 for Colorado Department of Public Health and Environment (CDPHE) concurrence. This submittal is in accordance with the Rocky Flats Cleanup Agreement (RFCA), and is the result of the consultative process to establish and document the final survey status of this type two structure.
B707 A 000155 11/15/2004 86 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00601-RF-04; 04-DOE-00895 Recipient(s) GUNDERSON, STEVE	A Pre-Demolition Survey (PDS) was performed to define the final radiological and chemical condition of this portion of the facility. Building 778 was categorized as a Type 2 facility based on the Reconnaissance Level Characterization (RLC) surveys performed. Because this structure will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-127- PDSP).
B707 A 000156 12/07/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00606-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 707, which was provided as two separate PDSR documents. The two PDSR documents include the PDSR for the 2nd Floor and exterior of Building 707 (Revision 0, dated October 20, 2004), and the PDSR for the 1st Floor (Revision 0, dated November 11, 2004). Based on this information, CDPHE are hereby approving the PDSR for Building 707, and demolition can proceed.
B707 A 000157 11/24/2004 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01163; DCD-015-04; 000158; 000159; [000153] Recipient(s) LEGARE, JOSEPH A.	This attached [000158; 000159] letter transmits the Final Pre-Demolition Survey Report (PDSR), for the First Floor of Building 707. Please transmit a copy of this PDSR the Colorado Department of Public Health and Environment (CDPHE) for review and concurrence.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000158 11/11/2004 276 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01163; DCD-015-04 Recipient(s) LEGARE, JOSEPH A.	A Pre-Demolition Survey Report (PDSR) First Floor of Building 707. A Pre-Demolition Survey (PDS) was performed to define the final radiological and chemical condition of this portion of this facility. Building 707 was categorized as a Type 3 on the Reconnaissance Level Characterization surveys performed. Because this structure will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan (PDSP) (MAN-1287-PDSP).
B707 A 000159 11/11/2004 402 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01163; DCD-015-04 Recipient(s) LEGARE, JOSEPH A.	The Rocky Flats Environmental Technology Site (RFETS/Site) Pre-Demolition Survey Report (PDSR) of First Floor of Building 707. Volume 2.
B707 A 000160 12/07/2004 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000161; 000162; 000163; 000164; 000165; 000166; 000167; 000168] Recipient(s) LEGARE, JOSEPH A.	The attached [000161; 000162; 000163; 000164; 000165; 000166; 000167; 000168]; This letter transmits the 707 Quality Assurance Scan Survey Data as per the commitment following the ORISE independent verification surveys of Building 707. Please transmit a copy of this report to the Colorado Department of Public Health and Environment (CDPHE) for CDPHE review and concurrence.
B707 A 000161 12/07/2004 6 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	The Quality Assurance Scan Surveys Flowing ORISE IV of Building 708. Pursuant to discussions with US Department of Energy (DOE) US Department of Energy, Rocky Flats Field Plant (DOE/RFPO), Colorado Department of Public Health and Environment (CDPHE), ORISE, and Kaiser-Hill Company, L.L.C. (K-H), representatives on November 29, and December 1, 2004, additional Quality Assurance (QA) surveys were conducted in Building 707. A written survey protocol was developed and approved by DOE/RFPO, ORISE, and CDPHE representatives.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000162 12/06/2004 145 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	Transmittal of 707 Quality Assurance (QA), Scan Survey Data. Survey Unit/Area Description: 707, 1st floor, A module. Walls, columns, ceiling.
B707 A 000163 12/06/2004 121 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	The 707 Quality Assurance (QA), Scan Survey Data: Survey Unit/Area Description: Building 707 1st floor, B module, Walls, columns, ceiling.
B707 A 000164 12/06/2004 41 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	Transmittal of 707 Quality Assurance (QA), Scan Survey Data. Survey Unit/Area Description: Building 707, 1st floor, B module.
B707 A 000165 12/06/2004 51 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	Transmittal of 707 Quality Assurance (QA), Scan Survey Data. Survey Unit/Area Description: Building 707, 1st floor, E module K-L, 9-11.
B707 A 000166 12/06/2004 40 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	Transmittal of 707 Quality Assurance (QA), Scan Survey Data. Survey Unit/Area Description: Building 707 1st floor, E module, 2nd 10% scan K-L, and 9-11.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 40 of 41
Report Date: 19-MAY-05

There are 172 records in this set and a total of 7021 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000167 12/06/2004 53 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	Transmittal of 707 Quality Assurance (QA), Scan Survey Data. Survey Unit/Area Description: Building 707, 1st floor, J module.
B707 A 000168 01/13/2005 72 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	04-RF-01222; DCD-019-04; [000160] Recipient(s) LEGARE, JOSEPH A.	The Quality Assurance (QA) Scan Survey Data of Building 707, Survey Unit/Area Description: Building 707, 1st Floor, J Module, 2nd 10% scan.
B707 A 000169 10/19/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	04-RF-01054; DCD-077-04; [000120] Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material (HM), and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR), for Building 708 of the 707 Closure Project, Revision 0, dated October 13, 2004. Based on the information contained in this PDSR, CDPHE is hereby approving the document and demolition can proceed.
B707 A 000170 12/07/2004 1 Pages PRELIM	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	N/A Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 707, and is hereby approving the document and demolition can proceed.
B707 A 000171 02/16/2005 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	05-RF-00176; DCD-034-05 Recipient(s) BOSTIC, RON	The purpose of this memorandum is to request a downgrade in the Facility Hazard Categorization for the Building 707/707A Facility Complex. Demolition of the Building and Slab 707/707A, as well as all support buildings has been completed. All radioactive materials have either been removed or remediated in accordance with the Building 707/707A Decommissioning Operations Plan (DOP). All containers with radioactive materials have been removed from the remediation site.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B707 A 000172 03/03/2005 1 Pages PRELIM	YES, ROUTINE Author(s) DEL VECCHIO, DAVID	05-RF-00176; DCD-034-05 Recipient(s) TUOR, NANCY R.	The ref: letter requested a downgrade of the Nuclear Hazard Categorization for the Building 707/707A Complex from a Hazard Category 2 to "Non-Nuclear". The demolition of the Building 707/707A Complex and remediation of the area complete in accordance with the Building 707/707A Decommissioning Operations Plan (DOP).
B707 A 000173 01/19/2005 1 Pages PRELIM	YES, ROUTINE N/A Author(s) CARNIVAL, GARY J. PRIMROSE, ANNETTE L.	Recipient(s) KRUCHEK, DAVID	Purpose of Contact: Original Process Waste Lines (OPWL). The under the slab process waste lines at Building 707 will be greater than 4 feet below final grade and will be left in place. These lines were previously grouted at the open ends prior to building demolition.
B707 A 000174 03/17/2005 22 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00142-RF-05; 05-DOE-00119 Recipient(s) GUNDERSON, STEVE	Forwards: the completed Rocky Flats Cleanup Agreement (RFCA) Type 2 Building Disposition Closeout Report for Building 707, a former ceramics and coating laboratory.
B707 A 000175 11/03/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) FOSS, DYAN	Recipient(s) KRAY, EDD	Purpose of Contact: Asbestos Pipe under Building 709. Building 709 was a cooling tower constructed in 1969 to service in 1988 or 1989. The cooling tower was a square wooden structure that sat in a concrete basin. The tower had two cells, each with separate fan motors and gearboxes. Building 709 was south of Building 707 and demolished in 2001.

Appendix B RCRA Closure Summary for 707 Closure Project

Building 707 Closures

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
90.105	Container Storage, Rm. 130B	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.146	Container Storage, Glovebox C-40, Module C	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.147	Container Storage, Glove box K-45, Module K	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.27	Container Storage, C&D Halls	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.28	Container Storage, E&F Halls	Mixed Residue Container Storage Unit; no longer subject to RCRA regulation	CLOSED in accordance with "RCRA Closure Plan for Mixed Residue Container Storage Units," (11/22/98); Closure Certification signed 5/20/96 (ref. 96-DOE-07053, 5/28/96).	5/20/96
90.59	Container Storage, C-Cell, Module A	Mixed Residue Container Storage Unit; no longer subject to RCRA regulation	CLOSED in accordance with "RCRA Closure Plan for Mixed Residue Container Storage Units," (11/22/98); Closure Certification signed 5/20/96 (ref. 96-DOE-07053, 5/28/96). Note: There was a new C-cell in Module A that has been closed as part of permitted unit 707.1.	5/20/96
90.60	Container Storage, G & H Halls	Mixed Residue Container Storage Unit; no longer subject to RCRA regulation	CLOSED in accordance with "RCRA Closure Plan for Mixed Residue Container Storage Units," (11/22/98); Closure Certification signed 5/20/96 (ref. 96-DOE-07053, 5/28/96).	5/20/96
90.61	Container Storage, F & G Halls	Mixed Residue Container Storage Unit; no longer subject to RCRA regulation	CLOSED in accordance with "RCRA Closure Plan for Mixed Residue Container Storage Units," (11/22/98); Closure Certification signed 5/20/96 (ref. 96-DOE-07053, 5/28/96).	5/20/96
90.74	Container Storage, Rm. 141, (J- Vault)	Mixed Residue Container Storage Unit; no longer subject to RCRA regulation	Storage shelves cleaned under debris rule and closed by removal. Secondary containment was washed and rinsed in June 2004 in accordance with B707 DOP; CDPHE approval documented in Contact Record dated 11/4/04 (AR Ref. B707-A-000137.)	11/4/04
90.75	Container Storage, Rm. 136 (H-Vault)	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.76	Container Storage, Module H (H-Cage)	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.77	Container Storage, G-Corridor Cage	Never used for hazardous waste; not subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453).	NA
90.98	Container Storage, Rm. 142 (J-Closet)	INTERIM STATUS unit; no longer subject to RCRA regulation	WITHDRAWN 10/26/94 (ref. 94-DOE-10453); file letters and memos also indicate that this unit was triple rinsed to remove residual contamination (CMM-308-94, 11/8/94, and ltr from M. Keller	NA

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
			[ERM] to K. Ticknor [EG&G] 2/10/95).	
92.001	Tank V-100, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.002	Tank V-30, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.003	Tank V-31, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.004	Tank V-1, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.005	Tank V-12, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.006	Tank V-13, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.007	Tank V-14, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.008	Tank V-15, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.009	Tank V-16, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.010	Tank V-17, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.011	Tank V-18, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.012	Tank V-19, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.013	Tank V-2, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.014	Tank V-3, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.015	Tank V-4, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.016	Tank V-5, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.017	Tank V-6, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.018	Tank V-7, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.019	Tank V-8, Module C Pit	Mixed Residue Tank; no longer subject to RCRA regulation	CLOSED BY REMOVAL in December 2002 in accordance with B707 DOP	12/02
92.001 - 92.019	C pit waste collection system	Mixed residue secondary containment	Secondary containment in Modules A-E, G, C pit, and corridors closed in accordance with 707 DOP. CDPHE approval documented in Contact Records dated 10/12/04 and 11/4/04 (AR Refs. B707-A-000118 and B707-A-000137.)	10/12/04; 11/4/04
92.020	Pu Stabilization Unit, Glove box 25, Module J	Never used for hazardous waste; not subject to RCRA regulation	N/A; administratively withdrawn. Withdrawal request approved by CDPHE on 1/10/02 with Building 707 DOP Minor Modification #2.	1/10/02

707 Closure Project
Decommissioning Closeout Report

Revision 0
May 26, 2005

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
92.021	Pu Stabilization Unit, Glove box 60, Module J	Never used for hazardous waste; not subject to RCRA regulation	N/A; administratively withdrawn. Withdrawal request approved by CDPHE on 1/10/02 with Building 707 DOP Minor Modification #2.	1/10/02
707.1	Container Staging Area, Rms. 167, 169, 171, 175, 179, and 180 (Cal-Gamma Area)	RCRA Permit; No longer subject to RCRA regulation	CLOSED: Rooms 167, 169, 171, 175, 179, and 180, CLOSED in accordance with 707's DOP, Clean Closure Option #1 on 5-9-01. Reference PE certification letter.	5/9/01
707.1	Container Storage Area, Module A, Rm. 100	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 11/12/04 (AR Ref. B707-A-000134.) C-Cell cleaned using debris rule and closed by removal in November 2002.	c-cell 11-02 Module 11/12/04
707.1	Container Storage Area, Module B	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 11/12/04 (AR Ref. B707-A-000134.)	11/12/04
707.1	Container Staging Area, Module D Rm.115	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 10/29/04 (AR Ref. B707-A-000139.)	10/29/04
707.1	Container Storage Area, Module E, Room 120	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 10/29/04 (AR Ref. B707-A-000139.)	10/29/04
707.1	Container Storage Area, Module F, Rms. 125 and 126	RCRA Permit; No longer subject to RCRA regulation	Room 125, closed in accordance with 707's DOP, Clean Closure Option #1 on 3-16-01. Room 126, closed in accordance with 707's DOP, Clean Closure Option #1 on 5-9-01. Reference PE certification letters.	Rm 125 3/16/01 Rm 126 5/9/01
707.1	Container Storage Area, Module G, Rm. 133	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with 707's DOP, Clean Closure Option #1 on 5-9-01. Reference PE certification letter.	5/9/01
707.1	Container Staging Area, Module H Rm.135	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 10/29/04 (AR Ref. B707-A-000139.)	10/29/04
707.1	Container Storage Area, Module J, Oil Storage Racks	RCRA Permit; No longer subject to RCRA regulation	East rack closed by removal in January 2003. West two racks closed by removal in September 2003.	West racks - 9/03. East rack - 1/03.
707.1	Container Storage, Module A, Glove boxes A-25, A-30 (90.106), A-35, A-45, and A-55	RCRA Permit; No longer subject to RCRA regulation	Closed by removal in accordance with Building 707 DOP. GBs A-25, A-35, A-45, A-55 closed Sept 02, GB A-30 closed Jun 02.	A-25, 35, 45, 55 - 9/02; A-30 - 6/02
707.1	Container Storage, Module E, Glove boxes E-30, E-55 and E-115	RCRA Permit; No longer subject to RCRA regulation	GBs E-30, E-115 closed by removal, March 2002. GB E-55 closed by removal with set E5, September 2003.	GBs E-30, E- 115 - 3/02 GB E-55 - 9/03
707.1	Container Storage, Module J, Glove boxes J-35 and J-55	RCRA Permit; No longer subject to RCRA regulation	Closed by removal with set J2, September 2003.	9/03

36

707 Closure Project
Decommissioning Closeout Report

Revision 0
May 26, 2005

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
	(90.107)			
707.1	Container Storage, Module K, Glove boxes K-65 and K-75	RCRA Permit; No longer subject to RCRA regulation	Closed by removal with set K3, September 2003.	9/03
707.1	Container Storage, Rm. 181	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with 707's DOP, Clean Closure Option #1 on 5-9-01. Reference PE certification letter.	5/9/01
707.1	Container Storage, Rm. 182	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with 707's DOP, Clean Closure Option #1 on 5-9-01. Reference PE certification letter.	5/9/01
707.1	Container Storage, Rm. 183	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 11/12/04 (AR Ref. B707-A-000134.)	11/12/04
707.1	Container Storage, Rm. 196 (90.58)	RCRA Permit; No longer subject to RCRA regulation	Closed in accordance with B707 DOP. CDPHE approved P.E. certification of clean closure on 11/12/04 (AR Ref. B707-A-000134.)	11/12/04
707.3A	Salt Stabilization Process: Module A, Glove boxes A-70, A-75, A-80, A-85, A-90, A-100, A-120, A-125 (90.106), and Furnaces	Never used for hazardous waste; not subject to RCRA regulation	Requested withdrawal from the permit, Permit Modification 01-10. Never activated/never used to treat hazardous waste. All glove boxes have been removed.	NA
707.3B	Ash Stabilization Process: Module E, Glove boxes E-7(S-7) chainveyor, E-20, E-25, E-30, E-55, E-60, E-65, E-70, E-95, E-105, E-110, E-115, E-125, Hammer Mill, Sieves, and Furnaces	RCRA Permit; No longer subject to RCRA regulation	GBs E-20, E-25, E-30, E-95, E-105, E-110, E-115, E-125 closed Mar 02, GB E-60, E-65 and E-70 closed Dec 01. S-7 chainveyor closed June 02. GB E-55 Closed by removal with set E5, September 2003.	E-20, 25, 30, 95, 105, 110, 115, 125 - 3/02; E-60, 65, 70 - 12/01; S-7 - 6/02. E-55 - 9/03
707.3C	Dry Residues Repackaging Process: Module D, Glove boxes D-30, D-35, D-40, D-45, D-75, D-90, D-95, Module F, Crusher, Saws, Milling Machine, and Hand Tools	Never used for hazardous waste; not subject to RCRA regulation	Requested withdrawal from the permit, Permit Modification 01-10. Never activated/never used to treat hazardous waste. All glove boxes have been removed.	NA
881.3B	Mercury amalgamation	RCRA Permit; No longer subject to RCRA regulation	Treatment in Building 707, Unit 707.1, A Module repack tent, under treatment unit 881.3B in the site RCRA permit. The A Module repack tent where this treatment occurred has been closed by removal.	3/1/04
S002	Organic/Aqueous Solidification	RCRA Permit; No longer subject to RCRA regulation	Unit 707.1 Module A per contact record between Tom Baker and James Hindman dated 12/16/03. The A Module repack tent where this treatment occurred has been CLOSED by removal.	3/1/04

Building 732 Closures

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
40.16	Laundry Waste Tank T-4	Interim status unit - No longer subject to RCRA regulation	CLOSED by removal, 707 Set Y3, May 2004.	5/04

Building 778 Closures

RCRA Unit No.	Unit Description	Regulatory Status	Closure Info	Closure Date
92.001 - 92.019	Secondary containment for C pit waste transfer system between B707 and B777	Mixed residue secondary containment	Piping and secondary containment in B778 corridor closed in accordance with 707 DOP. CDPHE approval documented in Contact Record dated 11/4/04 (AR Ref. B707-A-000137.)	11/4/04
776.3	Secondary containment for B776 T-Tank transfer piping	RCRA Permit secondary containment	Piping closed by removal in accordance with B776/777 DOP. All piping was welded and inspected daily; therefore, no secondary containment was required.	NA